



**CONESTOGA-ROVERS  
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August 22, 2014

Reference No. 054046

Mr. Bradley Roberts  
U.S. Environmental Protection Agency, Region 7  
Air and Waste Management Division  
Waste Remediation and Permitting Branch  
11201 Renner Boulevard  
Lenexa, Kansas 66219

**VIA FEDEX**

Dear Brad:

Re: Semi-Annual Groundwater Monitoring Report Spring 2014  
Occidental Chemical Corporation,  
6200 S. Ridge Road  
RCRA ID# KSD007482029  
Wichita, Sedgewick County, Kansas

On behalf of Glenn Springs Holdings, Inc. and the Occidental Chemical Corporation, Wichita, Kansas Facility, please find enclosed three hard copies and one copy on compact disk of the report entitled "Semi-Annual Groundwater Monitoring Report Spring 2014". This report documents and discusses the most recently completed semi-annual groundwater monitoring event.

If you have any questions regarding the attached report, please do not hesitate to contact me at (773) 380-9234.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

Bruce Clegg

BCC/ko/136

cc: Mostafa Kamal - KDHE  
Juan Somoano – Glenn Springs Holdings, Inc.  
Lisa Thurman – OCC, Wichita, Kansas

RCRA



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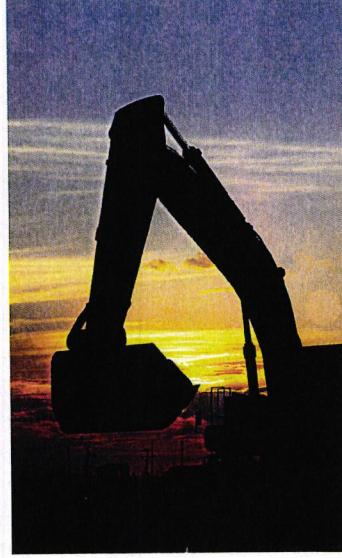
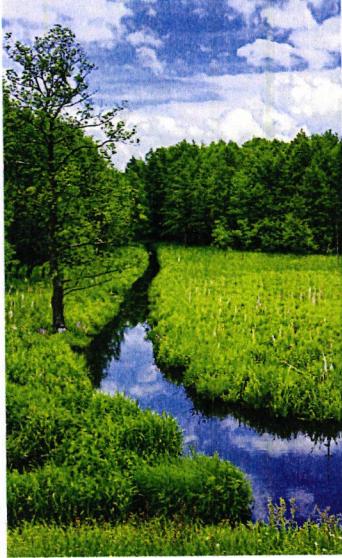
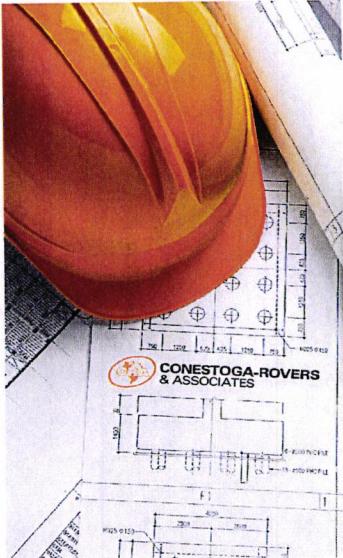
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## Semi-Annual Groundwater Monitoring Report

August 2014

Prepared for: Glenn Springs Holdings, Inc.

**Conestoga-Rovers & Associates**

8615 W. Bryn Mawr Avenue  
Chicago, Illinois 60631

August 2014 • 054046 • Report No. 48



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## Section 1.0 Introduction

This report presents information and data resulting from the first groundwater monitoring event of 2014 performed at the Occidental Chemical Corporation Wichita property located at 6200 S. Ridge Road, Wichita, Sedgwick County, Kansas (Site). This groundwater monitoring event was conducted to fulfill the Part II Hazardous and Solid Waste Amendments (HSWA) Section of the Facility's Resource Conservation and Recovery Act (RCRA) Permit obligations (permit number KSD007482029). Groundwater monitoring has been conducted on a semi-annual basis since 1986 in order to evaluate the groundwater flow and quality conditions around the Site and to assess the effects of historical releases on the local groundwater regime.

Groundwater monitoring reports are submitted to the United States Environmental Protection Agency (U.S. EPA) and the Kansas Department of Health & Environment (KDHE) on a semi-annual basis. The Spring 2014 annual groundwater monitoring event was performed in accordance with the procedures outlined in the U.S. EPA-approved Quality Assurance Project Plan (QAPP) and Sampling and Analysis Plan (SAP). The Spring 2014 groundwater monitoring event was an annual monitoring event<sup>1</sup> in accordance with the schedule provided in the SAP and presented in Table 1.

The interceptor wells/extraction wells operate to maintain cones of depression within the aquifers to prevent migration of contaminants. Measuring analyte concentrations and water levels on a regular periodic basis monitors the effectiveness of the system.

## Section 2.0 Field Program

Field activities were conducted from May 5 through June 11, 2014. Field activities consisted of the following:

- Collect water level measurements at 158 monitoring wells and piezometers. Test select on-Site monitoring wells for the presence of non-aqueous phase liquids (NAPLs).
- Collect groundwater samples from 127 on- and off-Site wells (including monitoring wells, interceptor wells, and neighboring commercial property water wells and production wells).
- Submit collected groundwater samples for laboratory analysis of the contaminants of concern (COCs).

The COC list consists of the following parameters:

---

<sup>1</sup> An "annual event" as set out by "Sampling and Analysis Plan Routine Groundwater Sampling Plan RCRA Corrective Action Program" March 9, 2012.

**Volatile Organic Compounds**

1,1,1-Trichloroethane  
1,2-Dichloroethane  
Benzene  
Carbon tetrachloride  
Chloroform  
Chloromethane (methyl chloride)  
Methylene chloride  
Tetrachloroethene  
Trichloroethene  
Vinyl chloride  
1,2-Dichloropropane (1,2-DCP)<sup>2</sup>

**General Chemistry**

Chloride  
Hardness Calculation

**Semivolatile Organic Compounds/Pesticides/Herbicides**

2,3,4,5-Tetrachlorophenol  
2,3,4,6-Tetrachlorophenol  
2,4,5-Trichlorophenol  
2,4,6-Trichlorophenol  
2,4-Dichlorophenol  
2,5-Dichlorophenol  
2,6-Dichlorophenol  
2-Chlorophenol  
2,4-Dichlorophenoxyacetic acid (2,4-D)<sup>2</sup>  
3/4-Chlorophenol  
alpha-BHC  
beta-BHC  
delta-BHC<sup>2</sup>  
gamma-BHC (lindane)  
Hexachlorobenzene  
Hexachlorobutadiene  
Hexachloroethane  
Pentachlorophenol

A Site location map is presented on Figure 1. A Site plan illustrating the monitoring wells, interceptor wells, and piezometer locations is shown on Figure 2. Figure 3 illustrates the monitoring wells and interceptor wells included in the Spring 2014 annual monitoring program.

**Section 3.0    Groundwater Monitoring Event**

Activities completed during the Spring groundwater monitoring event of 2014 included water level elevation/NAPL monitoring, groundwater sampling, neighboring production well and water well sampling, and well inspection activities. Copies of the equipment calibration forms are provided in CD format as Appendix A. Table 2 provides a summary of monitoring well and piezometer construction details for the entire monitoring network.

<sup>2</sup> Parameters added to the COC list in 2009.

### 3.1 Water Level Monitoring

A complete round of water level measurements was collected from May 5 through May 6, 2014. The round of water level measurements was collected in as short a time period as possible to obtain a representative data set of contemporaneous groundwater elevations in order to accurately evaluate groundwater flow conditions beneath the Site and surrounding area. In general, the water levels were collected initially from "clean wells"<sup>3</sup> and advancing toward the wells with higher parameter concentrations. Water level data collected in May 2014 (in conjunction with reference point elevation data) were used to calculate the groundwater elevations. Water level data collected in May 2014 were recorded electronically. A summary of the May 2014 groundwater elevations is provided in Table 3.

The presence of NAPL was initially assessed utilizing an oil/water interface probe. In addition, monitoring wells MW18 nest, MW19 nest, MW27 nest, MW113S3, and MW114S1 were further assessed with indicator paste and disposable bailers. Measurements were recorded electronically. The procedures for determining the presence and recording the thicknesses of NAPL are detailed in the SAP.

Light non-aqueous phase liquid (LNAPL) was not detected in any of the monitoring wells located on the Site property or surrounding area.

Historically, dense non-aqueous phase liquid (DNAPL) was detected or suspected in several on-Site monitoring wells. DNAPL measurements and related observations are detailed in Section 4.2.

### 3.2 Groundwater Sampling

Low flow/minimal drawdown sampling techniques were utilized for the collection of groundwater samples with the exception of a few monitoring wells that were bailed. The procedures used for groundwater sampling are detailed in the SAP. Most of the monitoring wells were purged and sampled using dedicated bladder pumps. Monitoring wells screened within a perched water zone beneath the Site (formerly referred to as the S4 stratigraphic unit) and monitoring wells not configured with bladder pumps were purged using a dedicated or disposable bailer or a submersible stainless steel pump. During the purging process, field parameters consisting of pH, dissolved oxygen, turbidity, conductivity, temperature, and oxidation-reduction potential (ORP) were measured to determine stabilization. When a bailer was used to purge a monitoring well, pH, conductivity, and temperature were recorded. Field parameter data collected during the Spring 2014 event were recorded electronically. Table 4 provides a summary of monitoring well purging parameters. Groundwater samples were collected from 109 monitoring wells, 14 interceptor wells, and four neighboring commercial property wells. Table 5 provides a sample key.

<sup>3</sup> i.e., monitoring wells representative of the lowest general historical contaminant concentrations.

Groundwater samples could not be collected from seven monitoring wells for the reasons noted below.

|         |  |
|---------|--|
| MW05S4  | Well was dry   |
| MW08S4  | Well was dry   |
| MW09S4  | Well was dry   |
| MW15S1  | Stuck check valves on pump, could not pull pump due to kinked casing |
| MW18S4  | Well was dry   |
| MW19S3  | Obstruction in well  |
| MW21S4R | Well was dry   |

## Section 4.0 Summary of Findings

The following sections present the data obtained during the Spring groundwater monitoring event of 2014.

### 4.1 Groundwater Flow

Utilizing the May 2014 water level data, groundwater elevation contour maps for the S1 and S2/S3 sand layers have been produced. These contours are presented on Figures 4 and 5, respectively. Based on a review of the previous and the most recent semi-annual groundwater elevation contour and sampling data, the existing interim corrective measure (ICM) appears to maintain substantially effective groundwater capture.

Two interceptor wells, IW29 and IW36, extract groundwater from the deep aquifer (S1). As shown on Figure 4, the groundwater contours generated from water level data collected from nearby monitoring wells illustrate a radial flow inward towards these two interceptor wells.

The shallower aquifer (S2/S3) extraction system is comprised of twelve interceptor wells: IW30, IW31, IW32, IW35A, IW35B, IW40, IW41, IW42, IW43 (600), IW44 (650), IW45, and IW46. As shown on Figure 5, the groundwater contours generated from water level data collected from nearby monitoring wells generally illustrate an inward radial flow towards these interceptor wells.

### 4.2 Detections/Measurements of Dense Non-Aqueous Phase Liquid (DNAPL)

DNAPL measurements and observations were recorded prior to purging the wells and collecting groundwater samples. Monitoring wells which historically had contained DNAPL (well nests MW18, MW19, and MW27) were initially evaluated using an oil/water interface meter and then checked for the presence of DNAPL using indicator paste, which has been found to be sensitive to DNAPL at this site. To that end, the presence of DNAPL has been confirmed in monitoring wells MW27S1 (2.25 feet) and

MW27S2 (2.29 feet). A DNAPL level was not measured at monitoring well MW18S4 because it was dry. DNAPL was not detected at MW113S3, MW114S1, MW18S1, MW18S3, or the MW19 well nest.

### 4.3 Groundwater Sampling

All of the COCs, with the exception of chloromethane (methyl chloride), 2,3,4,5-tetrachlorophenol, 2,4,5-trichlorophenol, and 2,5-dichlorophenol, were detected during this monitoring event. The resultant data are summarized in Table 6, with the specific detections that exceeded the Maximum Contaminant Level (MCL)<sup>4</sup> or Regional Screening Level (RSL) highlighted. Copies of the original laboratory analytical reports are provided in CD format as Appendix B. Continental Analytical Services (CAS) performed the analyses of the groundwater samples. CAS is accredited by the National Environmental Laboratory Accreditation Program (NELAP) for the analyses identified in this report as confirmed by the project Quality Assurance (QA) officer.

#### 4.3.1 Analytical Data Assessment/Validation

Data validation was conducted in accordance with methods and techniques detailed within the U.S. EPA-approved QAPP. The data assessment included a review of all technical holding times and all batch and matrix quality control (QC) information including rinse blanks, trip blanks, field duplicates, matrix spike/matrix spike duplicates (MS/MSD), matrix duplicates, surrogate recoveries, method blanks, and laboratory control sample (LCS) results. The assessment of analytical data included checks on data consistency by looking for the comparability of field duplicate analyses and adherence to laboratory accuracy and precision control criteria.

The data validation report, provided in CD format as Appendix C, summarizes the samples reviewed, parameters reviewed, any non-conformances with the established criteria, and validation actions (including the use of data qualifiers).

<sup>4</sup> In the case of chloroform and chloride, reported concentrations were compared to the Maximum Contaminant Level Goal (MCLG) and secondary MCL, respectively.

**Section 5.0    Certification**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including possibility of fine and imprisonment for knowing violations.

Micheal Anderson

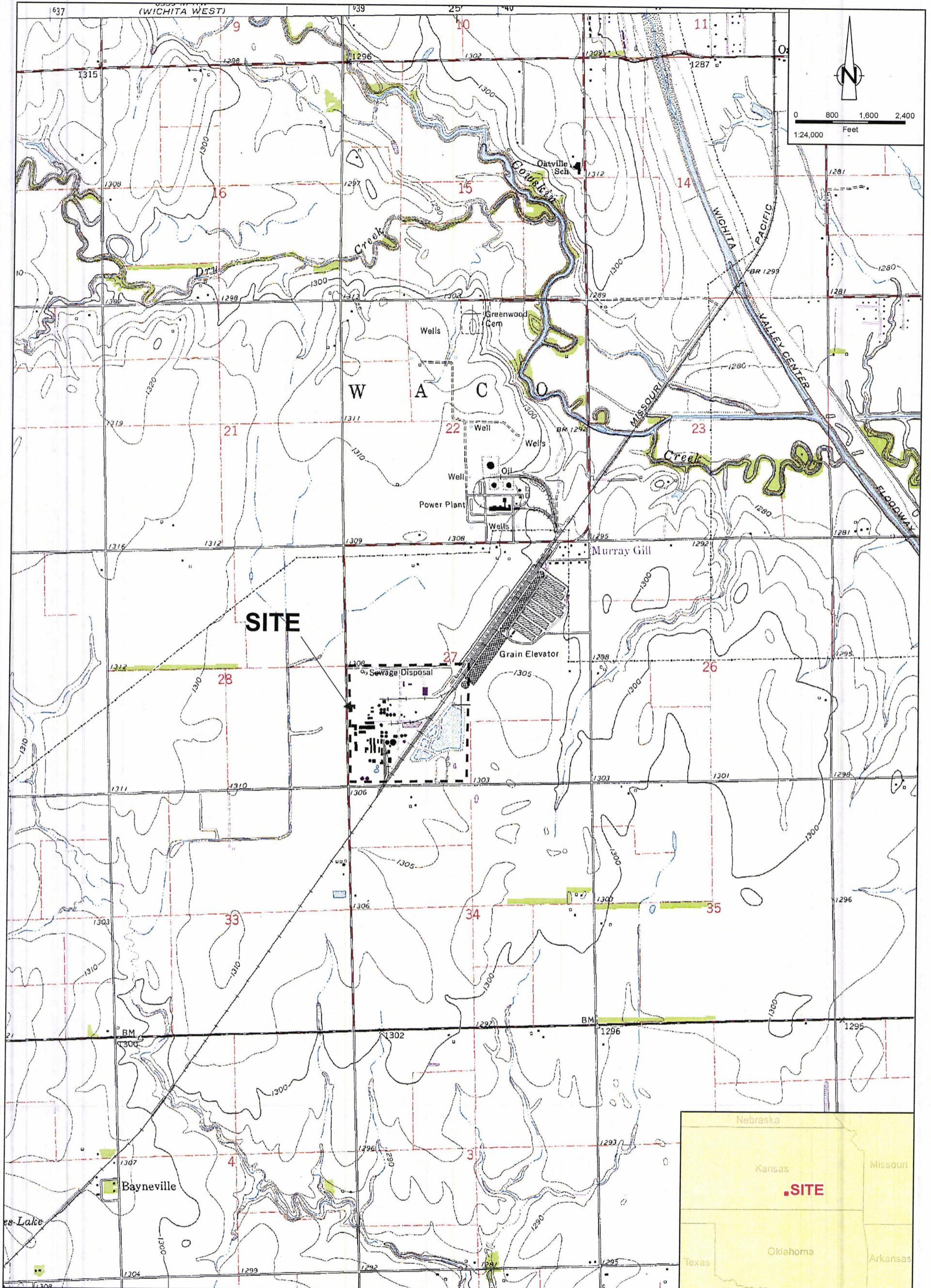
Printed Name



Signature

8/19/2014

Date



Source: United States Geological Survey Bayneville Topographic Map; Photorevised 1970

figure 1

**SITE LOCATION MAP  
OCCIDENTAL CHEMICAL CORPORATION  
Wichita, Kansas**



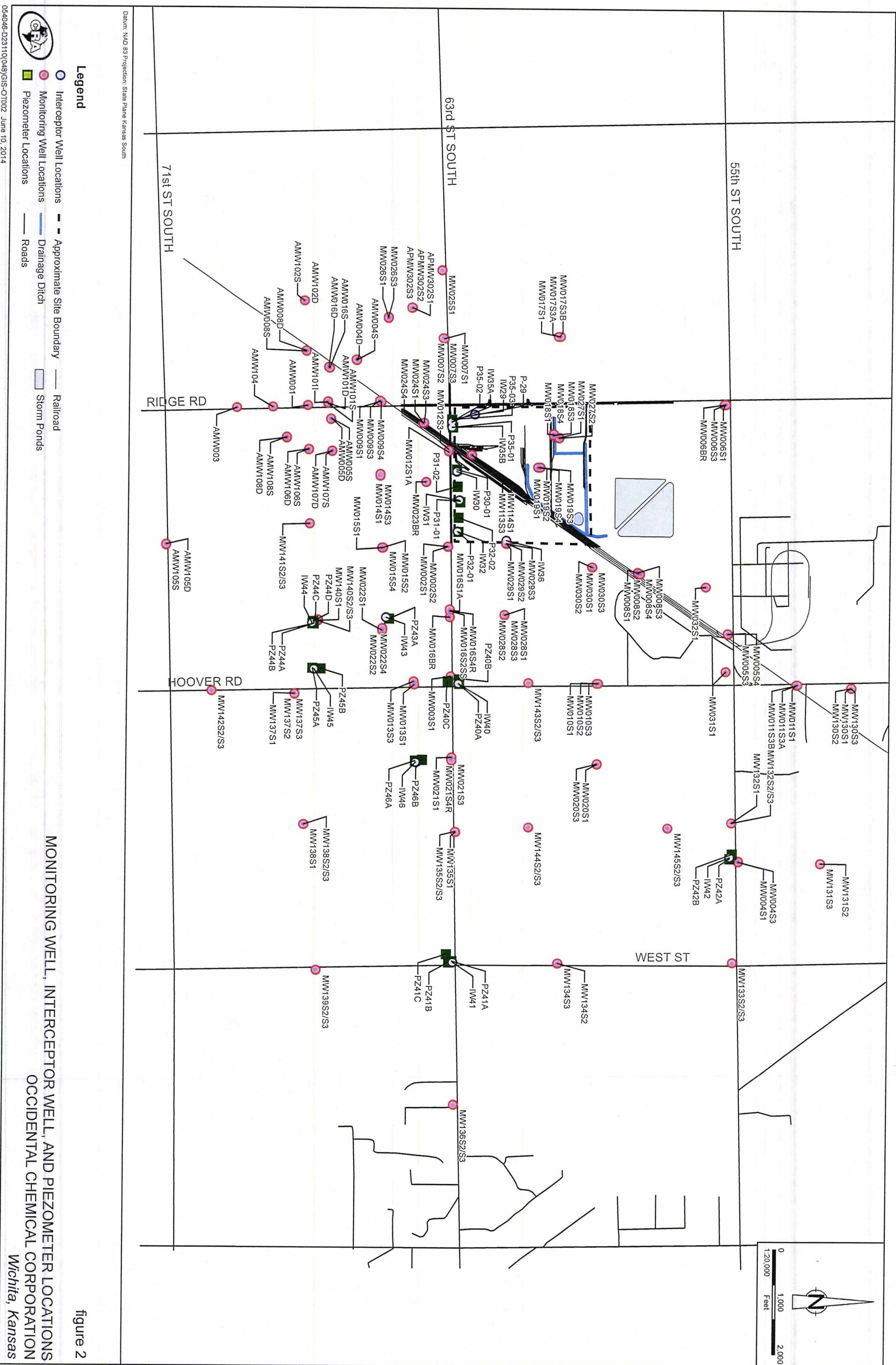


figure 2

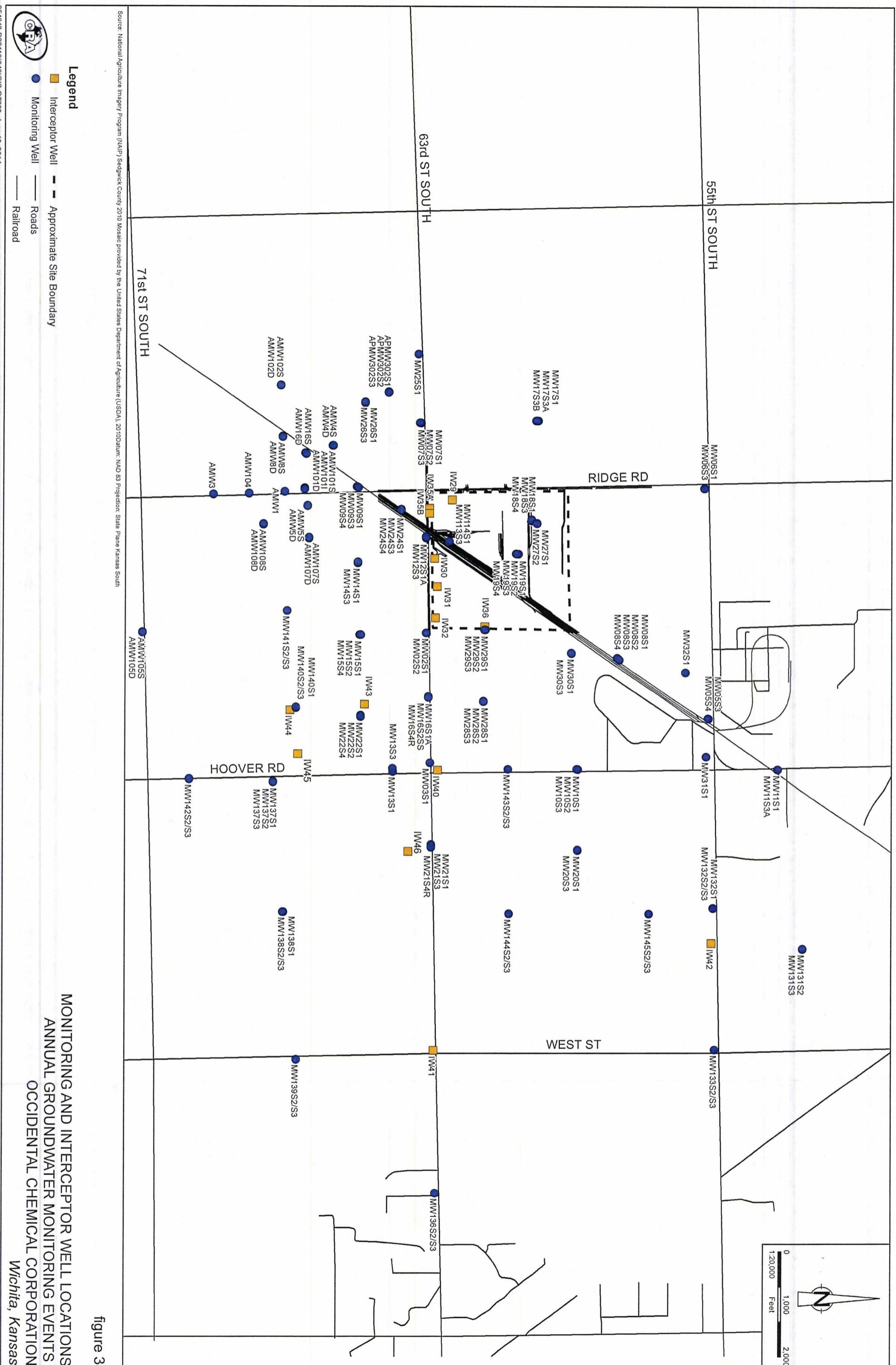


figure 3



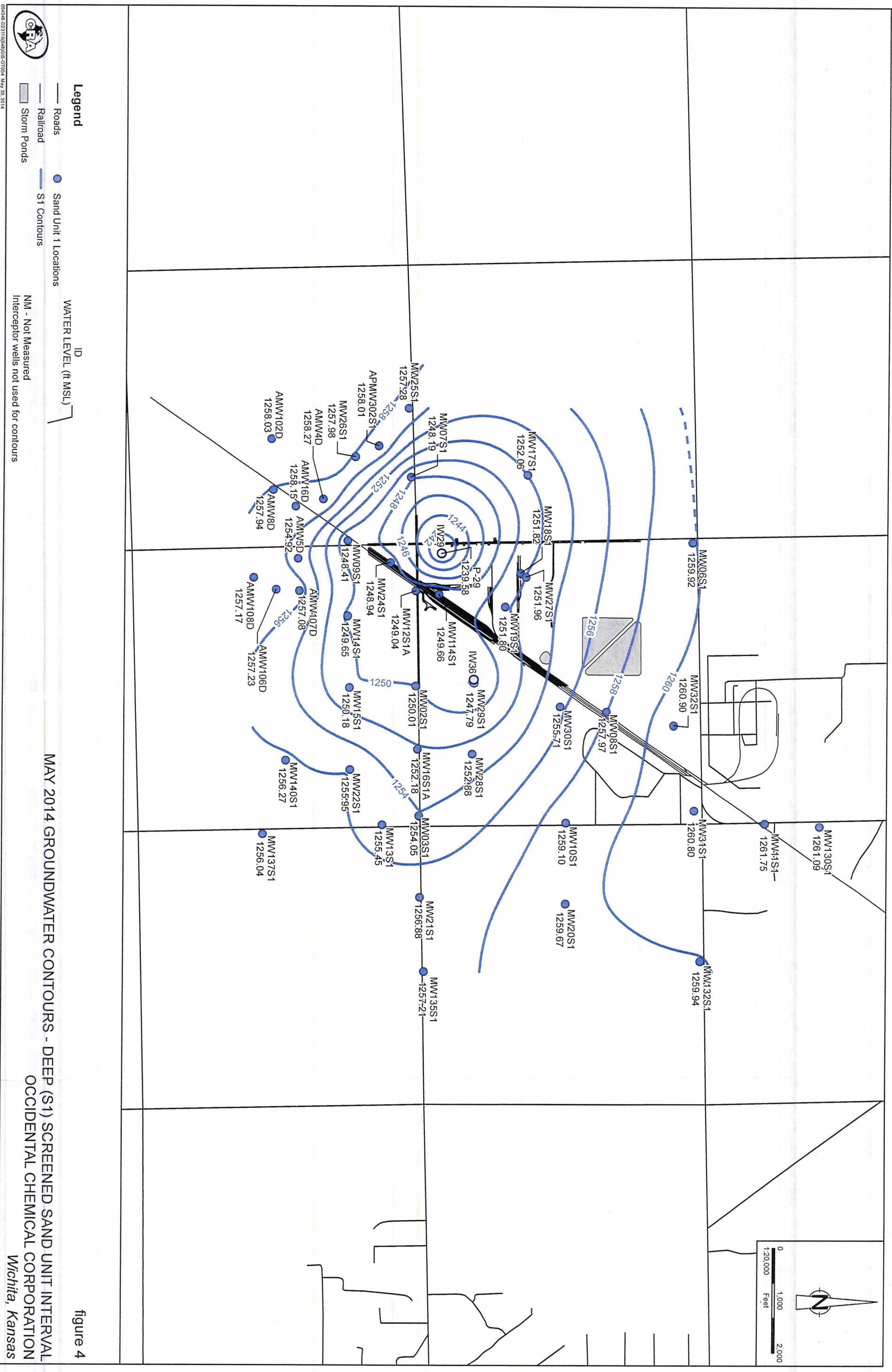
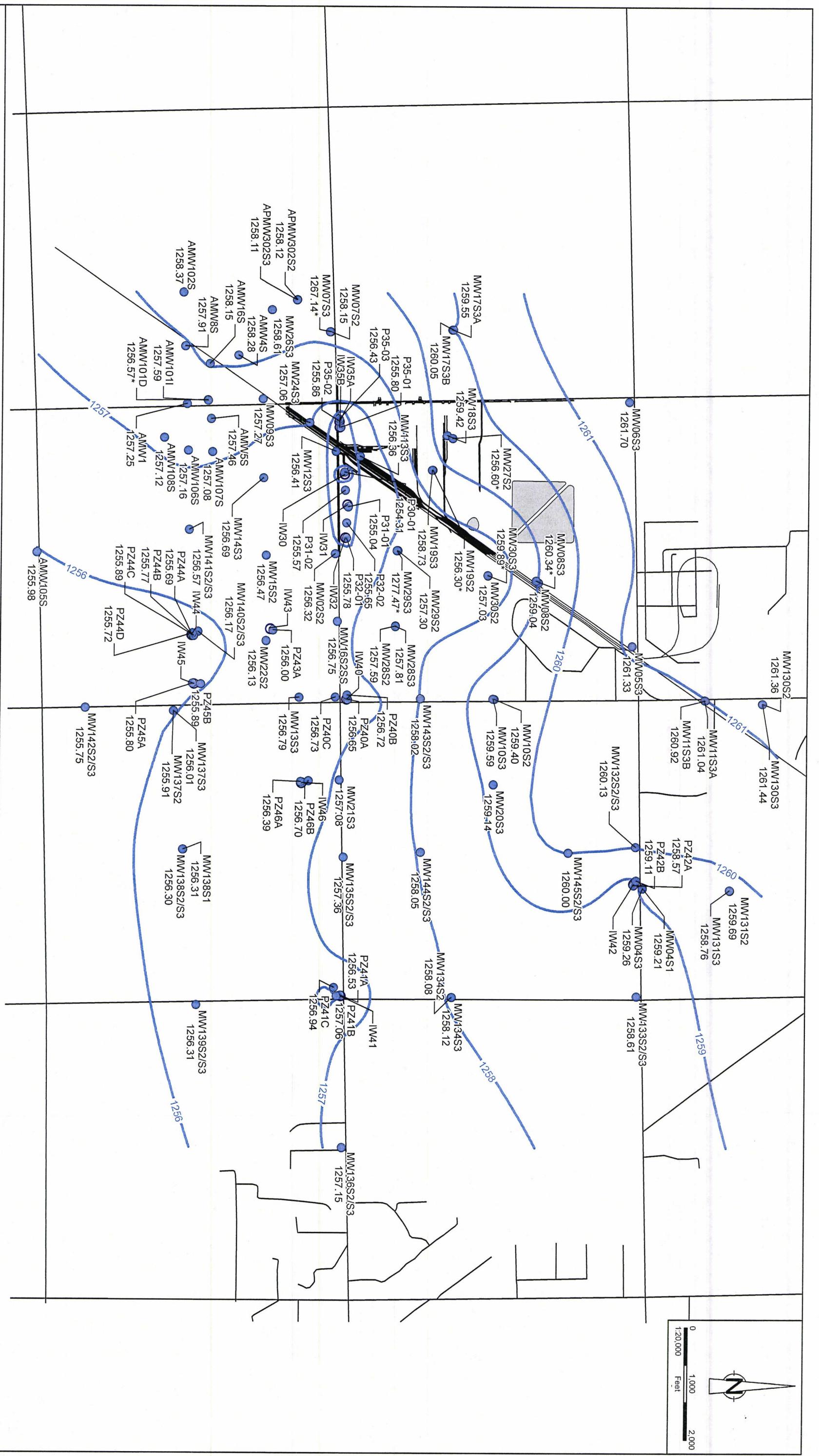


figure 4



**TABLE 1**

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**GROUNDWATER MONITORING EVENTS SCHEDULE  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS**

| <b><i>Year</i></b> | <b><i>Spring</i></b>  | <b><i>Fall</i></b>       |
|--------------------|-----------------------|--------------------------|
| 2011               | Biennial <sup>1</sup> | Semi-Annual <sup>2</sup> |
| 2012               | Annual <sup>3</sup>   | Semi-Annual              |
| 2013               | Biennial              | Semi-Annual              |
| 2014               | Annual                | Semi-Annual              |
| 2015               | Biennial              | Semi-Annual              |
| 2016               | Annual                | Semi-Annual              |

<sup>1</sup> A "Biennial Event" as set out by "Sampling and Analysis Plan Routine Groundwater Sampling Plan RCRA Corrective Action Program" March 9, 2012.

<sup>2</sup> A "Semi-Annual Event" as set out by "Sampling and Analysis Plan Routine Groundwater Sampling Plan RCRA Corrective Action Program" March 9, 2012.

<sup>3</sup> An "Annual Event" as set out by "Sampling and Analysis Plan Routine Groundwater Sampling Plan RCRA Corrective Action Program" March 9, 2012.

TABLE 2

Page 1 of 4

**SUMMARY OF MONITORING WELL CONSTRUCTION DATA**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Well Identifier</b> | <b>Installation Date</b> | <b>Sand Unit</b> | <b>Northing</b> | <b>Easting</b> | <b>Top of Casing Elevation (ft AMSL)<sup>1</sup></b> | <b>Total Depth (ft BGS)<sup>2</sup></b> | <b>Diameter (inches)</b> | <b>Top of Screen (ft BGS)</b> | <b>Base of Screen (ft BGS)</b> |
|------------------------|--------------------------|------------------|-----------------|----------------|--|---|--------------------------|-------------------------------|--------------------------------|
|                        |                          |                  |                 |                |  |   |                          |                               |                                |
| IW29 <sup>3</sup>      | 12/23/1991               | S1               | 1646614.5773    | 1623873.5307   | 1309.48  | 111.00                                  | 16.00                    | 95.0                          | 105.0                          |
| IW30                   | 11/2/2011                | S2/S3            | 1646288.5656    | 1624972.7905   | 1315.25  | 74.00                                   | 16.00                    | 61.0                          | 71.0                           |
| IW31                   | 10/11/1977               | S2/S3            | 1646341.5296    | 1625508.7554   | 1315.47  | 77.00                                   | 16.00                    | 58.0                          | 74.0                           |
| IW32                   | 1/6/2011                 | S2/S3            | 1646307.7216    | 1626100.5395   | 1313.78  | 77.00                                   | 16.00                    | 61.0                          | 76.0                           |
| IW35A                  | 6/28/1983                | S2/S3            | 1646187.1026    | 1624027.9391   | 1309.06  | 74.00                                   | 16.00                    | 52.5                          | 72.5                           |
| IW35B                  | 12/3/1996                | S2/S3            | 1646190.9950    | 1624126.9233   | 1309.08  | 70.00                                   | 16.00                    | 46.0                          | 66.0                           |
| IW36                   | 6/23/2003                | S1               | 1647232.5176    | 1626263.8998   | 1309.15  | 101.00                                  | 12.00                    | 91.0                          | 101.0                          |
| IW40                   | 3/4/2003                 | S2/S3            | 1646522.7287    | 1629150.9634   | 1306.77  | 83.00                                   | 12.00                    | 73.0                          | 83.0                           |
| IW41                   | 2/18/2003                | S2/S3            | 1646289.0136    | 1634262.7012   | 1303.07  | 58.00                                   | 12.00                    | 48.0                          | 58.0                           |
| IW42                   | 2/20/2003                | S2/S3            | 1651492.9999    | 1632247.8862   | 1295.27  | 54.00                                   | 12.00                    | 39.0                          | 54.0                           |
| IW43                   | 3/23/2011                | S2/S3            | 1644982.4160    | 1627737.0289   | 1305.93  | 82.50                                   | 16.00                    | 62.0                          | 82.0                           |
| IW44                   | 3/30/2011                | S2/S3            | 1643587.8118    | 1627849.1557   | 1304.84  | 80.00                                   | 16.00                    | 59.0                          | 79.0                           |
| IW45                   | 7/23/2013                | S2/S3            | 1643632.5476    | 1628718.2241   | 1306.22  | 76.00                                   | 16.00                    | 56.0                          | 71.0                           |
| IW46                   | 7/23/2013                | S2/S3            | 1645561.5328    | 1630475.1832   | 1300.26  | 71.00                                   | 16.00                    | 53.5                          | 66.0                           |
| MW02S1                 | 10/5/1983                | S1               | 1646139.1092    | 1626385.8231   | 1306.54  | 101.20                                  | 2.00                     | 85.0                          | 95.0                           |
| MW02S2                 | 10/5/1983                | S2/S3            | 1646131.7673    | 1626385.0749   | 1306.93  | 65.00                                   | 2.00                     | 45.0                          | 65.0                           |
| MW03S1                 | 3/3/1977                 | S1               | 1646209.7470    | 1628847.2777   | 1306.87  | 105.33                                  | 6.00                     | 89.7                          | 99.7                           |
| MW04S1                 | 2/21/1991                | S1               | 1651654.5063    | 1632319.5291   | 1290.96  | 65.80                                   | 2.00                     | 51.5                          | 61.5                           |
| MW04S3                 | 3/3/1977                 | S2/S3            | 1651653.8914    | 1632330.3734   | 1291.17  | 35.00                                   | 2.00                     | 25.0                          | 35.0                           |
| MW05S3                 | 3/3/1977                 | S2/S3            | 1651434.4841    | 1628016.5404   | 1302.42  | 47.60                                   | 6.00                     | 37.5                          | 47.5                           |
| MW05S4                 | 2/15/1991                | S4               | 1651423.9004    | 1628011.8282   | 1301.37  | 24.00                                   | 2.00                     | 17.0                          | 24.0                           |
| MW06BR                 | NA <sup>4</sup>          | BR               | 1651319.0266    | 1623652.8980   | 1310.34  | NA                                      | 6.00                     | NA                            | NA                             |
| MW06S1                 | 3/3/1977                 | S1               | 1651343.5609    | 1623650.5457   | 1310.88  | 100.00                                  | 6.00                     | 76.0                          | 86.0                           |
| MW06S3                 | 3/3/1977                 | S2/S3            | 1651353.9237    | 1623649.2436   | 1310.77  | 60.00                                   | 6.00                     | 50.0                          | 60.0                           |
| MW07S1                 | 2/15/1991                | S1               | 1646029.1244    | 1622430.9461   | 1307.52  | 114.00                                  | 2.00                     | 106.0                         | 111.0                          |
| MW07S2                 | 3/3/1977                 | S2/S3            | 1646020.2484    | 1622422.0335   | 1306.33  | 86.50                                   | 6.00                     | 76.5                          | 86.5                           |
| MW07S3                 | 3/3/1977                 | S2/S3            | 1646008.4935    | 1622423.1202   | 1306.39  | 61.00                                   | 6.00                     | 51.0                          | 61.0                           |
| MW08S1                 | 9/28/1983                | S1               | 1649732.9124    | 1626869.4397   | 1307.43  | 106.00                                  | 2.00                     | 97.0                          | 102.0                          |
| MW08S2                 | 2/14/1991                | S2/S3            | 1649758.7278    | 1626888.7447   | 1307.71  | 84.00                                   | 2.00                     | 72.0                          | 82.0                           |
| MW08S3                 | 3/3/1977                 | S2/S3            | 1649715.5916    | 1626857.1997   | 1308.44  | 58.40                                   | 6.00                     | 48.3                          | 58.3                           |
| MW08S4                 | 1/8/1990                 | S4               | 1649744.7673    | 1626877.2577   | 1307.50  | 35.00                                   | 2.00                     | 24.7                          | 34.7                           |
| MW09S1                 | 9/29/1983                | S1               | 1644843.9759    | 1623638.6623   | 1307.15  | 115.00                                  | 2.00                     | 100.0                         | 110.0                          |
| MW09S3                 | 3/3/1977                 | S2/S3            | 1644826.3195    | 1623625.6479   | 1307.04  | 82.60                                   | 6.00                     | 72.5                          | 82.5                           |
| MW09S4                 | 4/28/1988                | S4               | 1644854.2437    | 1623645.9475   | 1308.57  | 41.50                                   | 2.00                     | 36.5                          | 41.5                           |
| MW10S1                 | 2/9/1991                 | S1               | 1648975.7830    | 1628969.7898   | 1299.25  | 107.00                                  | 2.00                     | 93.0                          | 107.0                          |
| MW10S2                 | 3/3/1977                 | S2/S3            | 1648985.4337    | 1628970.4195   | 1298.59  | 68.00                                   | 2.00                     | 58.0                          | 68.0                           |
| MW10S3                 | 3/3/1977                 | S2/S3            | 1648962.4567    | 1628968.2457   | 1298.84  | 45.70                                   | 2.00                     | 35.7                          | 45.7                           |
| MW11S1                 | 2/6/1991                 | S1               | 1652728.0849    | 1628981.0026   | 1290.94  | 84.80                                   | 2.00                     | 70.5                          | 80.5                           |
| MW11S3A                | 3/3/1977                 | S2/S3            | 1652735.6273    | 1628980.5640   | 1291.35  | 55.00                                   | 6.00                     | 45.0                          | 55.0                           |
| MW11S3B                | 3/3/1977                 | S4               | 1652746.6358    | 1628981.1088   | 1290.82  | 35.00                                   | 6.00                     | 25.0                          | 35.0                           |
| MW12S1A                | 3/3/1977                 | S1               | 1646131.0019    | 1624584.3919   | 1310.00  | 100.00                                  | 2.00                     | 81.9                          | 91.9                           |
| MW12S3                 | 10/4/1983                | S2/S3            | 1646130.5595    | 1624560.0619   | 1308.26  | 70.00                                   | 6.00                     | 46.0                          | 66.0                           |
| MW13S1                 | 1/9/1990                 | S1               | 1645518.7911    | 162010.0824    | 1304.34  | 111.50                                  | 2.00                     | 99.0                          | 109.0                          |
| MW13S3                 | 3/3/1977                 | S2/S3            | 1645509.9341    | 1628974.9501   | 1308.01  | 68.73                                   | 6.00                     | 54.1                          | 64.1                           |
| MW14S1                 | 10/28/1987               | S1               | 1644848.7658    | 1625061.3014   | 1310.46  | 102.00                                  | 2.00                     | 92.0                          | 102.0                          |
| MW14S3                 | 10/28/1987               | S2/S3            | 1644847.9489    | 1625040.7124   | 1308.54  | 72.00                                   | 2.00                     | 62.0                          | 72.0                           |
| MW15S1                 | 10/28/1987               | S1               | 1644890.9573    | 1626416.0905   | 1306.23  | 100.00                                  | 2.00                     | 88.0                          | 98.0                           |
| MW15S2                 | 10/28/1987               | S2/S3            | 1644899.7421    | 1626415.4886   | 1305.98  | 74.00                                   | 2.00                     | 64.0                          | 74.0                           |

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**SUMMARY OF MONITORING WELL CONSTRUCTION DATA**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <i>Well Identifier</i> | <i>Installation Date</i> | <i>Sand Unit</i> | <i>Northing</i> | <i>Easting</i> | <i>Top of Casing Elevation (ft AMSL)<sup>1</sup></i> | <i>Total Depth (ft BGS)<sup>2</sup></i> | <i>Diameter (inches)</i> | <i>Top of Screen (ft BGS)</i> | <i>Base of Screen (ft BGS)</i> |
|------------------------|--------------------------|------------------|-----------------|----------------|--|---|--------------------------|-------------------------------|--------------------------------|
| MW15S4                 | 4/28/1988                | S4               | 1644909.7566    | 1626415.2803   | 1307.97  | 40.00                                   | 2.00                     | 33.0                          | 38.0                           |
| MW16BR                 | 2/9/1990                 | BR               | 1646182.1112    | 1627725.6715   | 1305.07  | 148.00                                  | 2.00                     | 123.0                         | 138.0                          |
| MW16S1A                | 1/11/2002                | S1               | 1646177.5404    | 1627582.1846   | 1306.67  | 100.00                                  | 2.00                     | 92.0                          | 97.0                           |
| MW16S2SS               | 10/28/1987               | S2/S3            | 1646179.5445    | 1627598.1963   | 1305.95  | 80.00                                   | 2.00                     | 70.0                          | 80.0                           |
| MW16S4R                | 3/19/2013                | S4               | 1646180.2694    | 1627611.4298   | 1306.89  | 40.00                                   | 2.00                     | 35.0                          | 40.0                           |
| MW17S1                 | 12/19/1989               | S1               | 1648220.7403    | 1622376.1826   | 1307.16  | 119.00                                  | 2.00                     | 101.0                         | 118.0                          |
| MW17S3A                | 12/20/1989               | S2/S3            | 1648184.2818    | 1622376.6061   | 1307.31  | 83.00                                   | 2.00                     | 67.5                          | 80.0                           |
| MW17S3B                | 12/19/1989               | S2/S3            | 1648202.9058    | 1622377.2311   | 1307.08  | 58.00                                   | 2.00                     | 38.0                          | 55.0                           |
| MW18S1                 | 1/23/1990                | S1               | 1648105.7148    | 1624237.4907   | 1308.25  | 103.00                                  | 2.00                     | 93.0                          | 103.0                          |
| MW18S3                 | 1/26/1990                | S2/S3            | 1648105.1881    | 1624265.6371   | 1309.17  | 66.00                                   | 2.00                     | 54.3                          | 64.3                           |
| MW18S4                 | 1/24/1990                | S4               | 1648105.7518    | 1624252.0773   | 1309.20  | 34.30                                   | 2.00                     | 29.3                          | 34.3                           |
| MW19S1                 | 1/13/1990                | S1               | 1647815.7833    | 1624880.7948   | 1310.34  | 104.00                                  | 2.00                     | 89.0                          | 104.0                          |
| MW19S2                 | 1/15/1990                | S2/S3            | 1647859.3862    | 1624883.6544   | 1310.26  | 83.00                                   | 2.00                     | 73.0                          | 83.0                           |
| MW19S3                 | 1/16/1990                | S2/S3            | 1647843.7556    | 1624882.2868   | 1310.54  | 55.00                                   | 2.00                     | 45.0                          | 55.0                           |
| MW19S4                 | 1/14/1990                | S4               | 1647828.7725    | 1624881.2817   | 1310.01  | 35.74                                   | 2.00                     | 30.7                          | 35.7                           |
| MW20S1                 | 1/28/1990                | S1               | 1648978.2720    | 1630500.9935   | 1305.81  | 101.00                                  | 2.00                     | 84.5                          | 99.5                           |
| MW20S3                 | 1/28/1990                | S2/S3            | 1648977.7447    | 1630490.8299   | 1305.45  | 67.00                                   | 2.00                     | 57.0                          | 67.0                           |
| MW21S1                 | 1/14/1990                | S1               | 1646234.9591    | 1630382.1006   | 1299.58  | 108.00                                  | 2.00                     | 98.2                          | 108.2                          |
| MW21S3                 | 1/15/1990                | S2/S3            | 1646234.5347    | 1630417.1166   | 1299.26  | 58.25                                   | 2.00                     | 48.3                          | 58.3                           |
| MW21S4R                | 3/20/2013                | S4               | 1646236.1340    | 1630443.1464   | 1299.99  | 37.50                                   | 2.00                     | 27.5                          | 37.5                           |
| MW22S1                 | 1/5/1990                 | S1               | 1644911.0683    | 1627980.2105   | 1304.12  | 111.00                                  | 2.00                     | 96.0                          | 111.0                          |
| MW22S2                 | 1/6/1990                 | S2/S3            | 1644912.2625    | 1627942.2812   | 1304.55  | 85.00                                   | 2.00                     | 70.0                          | 85.0                           |
| MW22S4                 | 1/5/1990                 | S4               | 1644911.9911    | 1627960.3841   | 1304.16  | 36.00                                   | 2.00                     | 26.0                          | 36.0                           |
| MW23BR                 | NA                       | BR               | 1645711.4736    | 1625167.8070   | 1309.67  | NA                                      | 2.00                     | NA                            | NA                             |
| MW24S1                 | 6/3/1990                 | S1               | 1645650.6212    | 1624052.7606   | 1309.32  | 100.00                                  | 2.00                     | 87.3                          | 97.3                           |
| MW24S3                 | 6/4/1990                 | S2/S3            | 1645659.2857    | 1624044.5251   | 1308.22  | 67.50                                   | 2.00                     | 56.0                          | 66.0                           |
| MW24S4                 | 6/5/1990                 | S4               | 1645658.9513    | 1624056.3458   | 1308.73  | 40.40                                   | 2.00                     | 31.5                          | 36.5                           |
| MW25S1                 | 4/13/1993                | S1               | 1645974.6016    | 1621124.8449   | 1311.63  | 120.00                                  | 2.00                     | 107.0                         | 117.0                          |
| MW26S1                 | 4/16/1993                | S1               | 1644978.9381    | 1622044.1862   | 1308.74  | 116.00                                  | 2.00                     | 101.0                         | 111.0                          |
| MW26S3                 | 5/27/1993                | S2/S3            | 1644976.3579    | 1622025.5931   | 1308.93  | 60.00                                   | 2.00                     | 49.0                          | 59.0                           |
| MW27S1                 | 8/16/1977                | S1               | 1648205.2650    | 1624309.9120   | 1309.23  | 109.00                                  | 6.00                     | 97.0                          | 107.0                          |
| MW27S2                 | 10/6/1977                | S2/S3            | 1648206.8451    | 1624317.3679   | 1309.49  | 87.00                                   | 6.00                     | 77.0                          | 83.0                           |
| MW28S1                 | 11/20/1996               | S1               | 1647212.2402    | 1627674.8180   | 1309.34  | 108.50                                  | 2.00                     | 93.0                          | 108.0                          |
| MW28S2                 | 11/20/1996               | S2/S3            | 1647211.9419    | 1627679.5075   | 1309.44  | 84.00                                   | 2.00                     | 74.0                          | 84.0                           |
| MW28S3                 | 11/20/1996               | S2/S3            | 1647211.6087    | 1627684.4502   | 1309.51  | 63.00                                   | 2.00                     | 53.0                          | 63.0                           |
| MW29S1                 | 11/20/1996               | S1               | 1647239.8234    | 1626323.4393   | 1305.39  | 99.00                                   | 2.00                     | 88.0                          | 98.0                           |
| MW29S2                 | 11/20/1996               | S2/S3            | 1647244.7544    | 1626322.7595   | 1305.46  | 72.00                                   | 2.00                     | 57.0                          | 72.0                           |
| MW29S3                 | 11/20/1996               | S2/S3            | 164227.0676     | 1626325.1920   | 1306.58  | 55.50                                   | 2.00                     | 44.0                          | 54.0                           |
| MW30S1                 | 11/20/1996               | S1               | 1648862.2343    | 1626767.2155   | 1310.00  | 108.00                                  | 2.00                     | 98.0                          | 108.0                          |
| MW30S2                 | 1/9/1997                 | S2/S3            | 1648858.1780    | 1626764.4302   | 1309.95  | 80.00                                   | 2.00                     | 70.0                          | 80.0                           |
| MW30S3                 | 1/9/1997                 | S2/S3            | 1648854.3753    | 1626761.5076   | 1310.05  | 54.00                                   | 2.00                     | 44.0                          | 54.0                           |
| MW31S1                 | 11/20/1996               | S1               | 1651390.6746    | 1628731.9635   | 1298.06  | 92.00                                   | 2.00                     | 77.0                          | 92.0                           |
| MW32S1                 | 11/20/1996               | S1               | 1651001.7550    | 1627126.1190   | 1307.08  | 95.00                                   | 2.00                     | 85.0                          | 95.0                           |
| MW113S3                | 7/15/1971                | S2/S3            | 1646564.4390    | 1624643.2299   | 1309.26  | 68.50                                   | 5.00                     | 63.5                          | 68.5                           |
| MW114S1                | NA                       | S1               | 1646569.6097    | 1624646.5667   | 1308.98  | NA                                      | 5.00                     | NA                            | NA                             |
| MW130S1                | 1/10/2002                | S1               | 1653757.5609    | 1629036.0906   | 1284.92  | 73.00                                   | 2.00                     | 55.0                          | 70.0                           |
| MW130S2                | 1/10/2002                | S2/S3            | 1653762.6188    | 1629039.5427   | 1284.95  | 44.00                                   | 2.00                     | 38.0                          | 43.0                           |
| MW130S3                | 1/10/2002                | S2/S3            | 1653767.6449    | 1629042.4803   | 1284.89  | 35.00                                   | 2.00                     | 25.0                          | 35.0                           |

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**SUMMARY OF MONITORING WELL CONSTRUCTION DATA**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Well Identifier</b>         | <b>Installation Date</b> | <b>Sand Unit</b> | <b>Northing</b> | <b>Easting</b> | <b>Top of Casing Elevation (ft AMSL)<sup>1</sup></b> | <b>Total Depth (ft BGS)<sup>2</sup></b> | <b>Diameter (inches)</b> | <b>Top of Screen (ft BGS)</b> | <b>Base of Screen (ft BGS)</b> |
|--------------------------------|--------------------------|------------------|-----------------|----------------|--|---|--------------------------|-------------------------------|--------------------------------|
| MW131S2                        | 12/12/2001               | S2/S3            | 1653205.5649    | 1632360.1384   | 1281.73  | 55.00                                   | 2.00                     | 47.5                          | 51.5                           |
| MW131S3                        | 12/13/2001               | S2/S3            | 1653203.6153    | 1632357.5178   | 1281.49  | 45.00                                   | 2.00                     | 40.0                          | 45.0                           |
| MW132S1                        | 12/10/2001               | S1               | 1651520.6921    | 1631591.2567   | 1295.75  | 84.00                                   | 2.00                     | 66.0                          | 76.0                           |
| MW132S2/S3                     | 12/12/2001               | S2/S3            | 1651526.7527    | 1631591.8445   | 1295.87  | 50.50                                   | 2.00                     | 35.0                          | 50.0                           |
| MW133S2/S3                     | 1/7/2002                 | S2/S3            | 1651557.5176    | 1634254.9850   | 1284.05  | 42.00                                   | 2.00                     | 26.0                          | 36.0                           |
| MW134S2                        | 12/19/2001               | S2/S3            | 1648258.3774    | 1634277.3954   | 1302.31  | 59.00                                   | 2.00                     | 47.0                          | 50.0                           |
| MW134S3                        | 12/19/2001               | S2/S3            | 1648264.6729    | 1634277.0804   | 1302.29  | 45.00                                   | 2.00                     | 35.0                          | 45.0                           |
| MW135S1                        | 12/17/2001               | S1               | 1646318.2233    | 1631790.5887   | 1302.60  | 104.00                                  | 2.00                     | 95.0                          | 100.0                          |
| MW135S2/S3                     | 12/17/2001               | S2/S3            | 1646317.6866    | 1631782.2204   | 1302.62  | 58.00                                   | 2.00                     | 41.5                          | 56.5                           |
| MW136S2/S3                     | 1/8/2002                 | S2/S3            | 1646322.9370    | 1636971.8586   | 1287.43  | 51.00                                   | 2.00                     | 30.0                          | 45.0                           |
| MW137S1                        | 12/31/2001               | S1               | 1643270.2892    | 1629194.7957   | 1304.99  | 117.50                                  | 2.00                     | 109.0                         | 112.0                          |
| MW137S2                        | 12/14/2001               | S1               | 1643270.6855    | 1629198.5363   | 1304.92  | 103.00                                  | 2.00                     | 95.0                          | 102.0                          |
| MW137S3                        | 12/14/2001               | S2/S3            | 1643271.5196    | 1629202.8418   | 1304.88  | 81.00                                   | 2.00                     | 60.0                          | 80.0                           |
| MW138S1                        | 12/16/2001               | S2/S3            | 1643464.7015    | 1631653.7121   | 1298.82  | 89.00                                   | 2.00                     | 74.5                          | 84.5                           |
| MW138S2/S3                     | 12/16/2001               | S2/S3            | 1643458.2501    | 1631655.6947   | 1298.83  | 61.00                                   | 2.00                     | 50.0                          | 60.0                           |
| MW139S2/S3                     | 1/9/2002                 | S2/S3            | 1643717.4133    | 1634428.0369   | 1299.13  | 63.00                                   | 2.00                     | 38.5                          | 53.5                           |
| MW140S1                        | 4/13/2010                | S2/S3            | 1643699.7696    | 1627805.3267   | 1304.95  | 98.50                                   | 2.00                     | 87.5                          | 93.5                           |
| MW140S2/S3                     | 4/15/2010                | S2/S3            | 1643699.4730    | 1627787.0997   | 1304.76  | 79.00                                   | 2.00                     | 69.0                          | 79.0                           |
| MW141S2/S3                     | 3/18/2011                | S2/S3            | 1643528.2929    | 1625965.0799   | 1307.86  | 90.00                                   | 2.00                     | 79.0                          | 89.0                           |
| MW142S2/S3                     | 3/20/2011                | S2/S3            | 1641701.6139    | 1629148.8546   | 1297.03  | 90.00                                   | 2.00                     | 72.0                          | 82.0                           |
| MW143S2/S3                     | 3/20/2011                | S2/S3            | 1647670.1598    | 1628967.4074   | 1300.32  | 75.00                                   | 2.00                     | 63.0                          | 68.0                           |
| MW144S2/S3                     | 3/22/2011                | S2/S3            | 1647692.5703    | 1631690.1246   | 1303.64  | 65.00                                   | 2.00                     | 47.0                          | 57.0                           |
| MW145S2/S3                     | 3/21/2011                | S2/S3            | 1650322.9712    | 1631696.7776   | 1291.12  | 60.00                                   | 2.00                     | 48.0                          | 53.0                           |
| <b>Abbott Monitoring Wells</b> |                          |                  |                 |                |  |   |                          |                               |                                |
| AMW1                           | 9/26/1979                | S2/S3            | 1643473.2174    | 1623720.6995   | 1307.77  | 82.00                                   | 5.26                     | 63.0                          | 78.0                           |
| AMW3                           | 9/27/1979                | S1/S2            | 1642132.4650    | 1623772.8753   | 1308.25  | 128.00                                  | 5.00                     | 64.0                          | 124.0                          |
| AMW4D                          | 9/27/1979                | S1               | 1644375.0091    | 1622848.6438   | 1309.27  | 107.00                                  | 5.26                     | 83.0                          | 103.0                          |
| AMW4S                          | 9/27/1979                | S2/S3            | 1644385.0229    | 1622852.0093   | 1309.17  | 75.92                                   | 5.26                     | 52.0                          | 72.0                           |
| AMW5D                          | 9/28/1979                | S1               | 1643908.4946    | 1623976.6203   | 1307.57  | 97.50                                   | 5.26                     | 84.0                          | 97.0                           |
| AMW5S                          | 9/28/1979                | S2/S3            | 1643908.6536    | 1623986.4754   | 1307.50  | 79.80                                   | 5.26                     | NA                            | NA                             |
| AMW8D                          | 9/26/1979                | S1               | 1643433.8532    | 1622679.7084   | 1307.74  | 123.00                                  | 5.26                     | 99.0                          | 119.0                          |
| AMW8S                          | 9/26/1979                | S2/S3            | 1643434.9098    | 1622690.2400   | 1307.70  | 83.00                                   | 5.26                     | 58.0                          | 78.0                           |
| AMW16D                         | 9/25/1979                | S1               | 1643859.7111    | 1622989.4302   | 1308.97  | 109.49                                  | 6.00                     | NA                            | NA                             |
| AMW16S                         | 9/25/1979                | S2/S3            | 1643878.9725    | 1623005.1842   | 1309.02  | 76.20                                   | 6.00                     | NA                            | NA                             |
| AMW101D                        | 10/25/1983               | S2/S3            | 1643848.2130    | 1623649.3170   | 1306.17  | 108.00                                  | 4.25                     | 71.0                          | 92.0                           |
| AMW101I                        | 10/25/1983               | S2/S3            | 1643849.1330    | 1623662.1740   | 1306.26  | 60.18                                   | 4.25                     | NA                            | NA                             |
| AMW101S                        | 10/25/1983               | S4               | 1643849.7540    | 1623675.5450   | 1306.31  | 46.20                                   | 4.25                     | NA                            | NA                             |
| AMW102D                        | 10/28/1983               | S1               | 1643395.1918    | 1621714.7922   | 1310.40  | 147.00                                  | 4.25                     | 96.0                          | 110.0                          |
| AMW102S                        | 10/28/1983               | S2/S3            | 1643395.5966    | 1621722.1890   | 1310.31  | NA                                      | 4.25                     | 44.0                          | 58.0                           |
| AMW104                         | 11/20/1983               | S1/S2/S3         | 1642807.4030    | 1623754.9999   | 1306.09  | 114.50                                  | 4.25                     | 49.0                          | 106.0                          |
| AMW105D                        | 12/5/1983                | S1/S2            | 1640818.1214    | 1626369.6145   | 1300.31  | 113.00                                  | 5.26                     | 80.0                          | 111.0                          |
| AMW105S                        | 12/5/1983                | S2/S3            | 1640818.1818    | 1626379.9679   | 1300.10  | 55.00                                   | 5.26                     | NA                            | NA                             |
| AMW106D                        | 5/6/1991                 | S1               | 1643499.5249    | 1624567.5992   | 1307.16  | 100.00                                  | 2.00                     | 83.3                          | 98.3                           |
| AMW106S                        | 5/7/1991                 | S2/S3            | 1643499.8552    | 1624556.6769   | 1306.93  | 75.00                                   | 2.00                     | 47.9                          | 72.9                           |
| AMW107D                        | 5/11/1991                | S1               | 1643936.3312    | 1624590.2942   | 1305.66  | 103.00                                  | 2.00                     | 91.9                          | 101.9                          |
| AMW107S                        | 5/14/1991                | S2/S3            | 1643936.3870    | 1624579.4246   | 1305.64  | 72.00                                   | 2.00                     | 46.3                          | 71.3                           |

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**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <i>Well Identifier</i> | <i>Installation Date</i> | <i>Sand Unit</i> | <i>Northing</i> | <i>Easting</i> | <i>Top of Casing Elevation (ft AMSL)<sup>1</sup></i> | <i>Total Depth (ft BGS)<sup>2</sup></i> | <i>Diameter (inches)</i> | <i>Top of Screen (ft BGS)</i> | <i>Base of Screen (ft BGS)</i> |
|------------------------|--------------------------|------------------|-----------------|----------------|--|---|--------------------------|-------------------------------|--------------------------------|
| AMW108D                | 9/26/1991                | S1               | 1643076.9529    | 1624341.3298   | 1307.13  | 106.00                                  | 2.00                     | 84.0                          | 104.0                          |
| AMW108S                | 9/27/1991                | S2/S3            | 1643076.0621    | 1624330.3861   | 1307.34  | 70.00                                   | 2.00                     | 47.0                          | 67.0                           |
| APMW302S1              | 9/12/1997                | S1               | 1645416.7424    | 1621838.5251   | 1307.93  | 124.00                                  | 6.00                     | 114.0                         | 124.0                          |
| APMW302S2              | 9/12/1997                | S2/S3            | 1645423.9800    | 1621844.7084   | 1307.98  | 105.50                                  | 6.00                     | 95.5                          | 105.5                          |
| APMW302S3              | 9/12/1997                | S2/S3            | 1645415.8025    | 1621849.2904   | 1307.74  | 85.00                                   | 6.00                     | 75.0                          | 85.0                           |
| <b>Piezometers</b>     |                          |                  |                 |                |  |   |                          |                               |                                |
| PZ40A                  | 4/12/2010                | S2/S3            | 1646372.2820    | 1628985.5631   | 1305.68  | 78.00                                   | 1.00                     | 73.0                          | 78.0                           |
| PZ40B                  | 4/13/2010                | S2/S3            | 1646363.6676    | 1628905.8973   | 1305.36  | 78.00                                   | 1.00                     | 73.0                          | 78.0                           |
| PZ40C                  | 4/13/2010                | S2/S3            | 1646152.4257    | 1628942.4778   | 1305.81  | 74.00                                   | 1.00                     | 69.0                          | 74.0                           |
| PZ41A                  | 4/14/2010                | S2/S3            | 1646273.1772    | 1634243.9014   | 1301.91  | 56.00                                   | 1.00                     | 51.0                          | 56.0                           |
| PZ41B                  | 4/14/2010                | S2/S3            | 1646211.2672    | 1634263.4534   | 1301.74  | 56.00                                   | 1.00                     | 51.0                          | 56.0                           |
| PZ41C                  | 4/14/2010                | S2/S3            | 1646164.9105    | 1634106.9346   | 1303.67  | 55.00                                   | 1.00                     | 50.0                          | 55.0                           |
| PZ42A                  | 4/15/2010                | S2/S3            | 1651492.6366    | 1632272.3917   | 1294.95  | 48.00                                   | 1.00                     | 43.0                          | 48.0                           |
| PZ42B                  | 4/15/2010                | S2/S3            | 1651537.6451    | 1632188.7724   | 1292.29  | 50.00                                   | 1.00                     | 45.0                          | 50.0                           |
| PZ43A                  | 3/15/2011                | S2/S3            | 1645037.3334    | 1627757.1290   | 1306.00  | 85.00                                   | 2.00                     | 69.0                          | 79.0                           |
| PZ44A                  | 3/15/2011                | S2/S3            | 1643595.3890    | 1627857.2728   | 1303.57  | 75.00                                   | 2.00                     | 63.0                          | 73.0                           |
| PZ44B                  | 3/18/2011                | S2/S3            | 1643607.8916    | 1627850.5864   | 1303.93  | 75.00                                   | 2.00                     | 63.0                          | 73.0                           |
| PZ44C                  | 3/17/2011                | S2/S3            | 1643623.2075    | 1627860.9680   | 1303.75  | 75.00                                   | 2.00                     | 63.0                          | 73.0                           |
| PZ44D                  | 3/17/2011                | S2/S3            | 1643603.7984    | 1627817.1685   | 1303.38  | 75.00                                   | 2.00                     | 63.0                          | 73.0                           |
| PZ45A                  | 7/25/2013                | S2/S3            | 1643605.6002    | 1628703.7746   | 1306.68  | 76.00                                   | 1.00                     | 65.0                          | 70.0                           |
| PZ45B                  | 7/25/2013                | S2/S3            | 1643759.1020    | 1628716.0399   | 1306.81  | 76.00                                   | 1.00                     | 65.0                          | 70.0                           |
| PZ46A                  | 7/25/2013                | S2/S3            | 1645547.3525    | 1630447.8928   | 1300.75  | 71.00                                   | 1.00                     | 60.0                          | 65.0                           |
| PZ46B                  | 7/25/2013                | S2/S3            | 1645682.3903    | 1630432.8191   | 1300.26  | 71.00                                   | 1.00                     | 56.0                          | 61.0                           |

Notes:

Top of casing elevations resurveyed in 2010.

The following wells were surveyed and/or resurveyed in October 2013: AMW101D, AMW101I, AMW101S, MW16S4R, MW21S4R, PZ45A, PZ45B, PZ46A, PZ46B, IW45, and IW46.

<sup>1</sup> ft AMSL - feet above mean sea level<sup>2</sup> ft BGS - feet below ground surface<sup>3</sup> IW - interceptor well<sup>4</sup> NA - not available

TABLE 3

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**SUMMARY OF GROUNDWATER ELEVATIONS**  
**MAY 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <i>Well Identifier</i> | <i>Sand Unit</i> | <i>Reference Elevation (ft AMSL)<sup>1</sup></i> | <i>Depth to Water (ft BTOC)<sup>2</sup></i> | <i>Groundwater Elevation (ft AMSL)</i> |
|------------------------|------------------|--|---|--|
| AMW1                   | S2/S3            | 1307.77  | 50.52                                       | 1257.25                                |
| AMW101D                | S2/S3            | 1306.17  | 49.60                                       | 1256.57                                |
| AMW101I                | S2/S3            | 1306.26  | 48.67                                       | 1257.59                                |
| AMW101S                | S4               | 1306.31  | 36.45                                       | 1269.86                                |
| AMW102D                | S1               | 1310.40  | 52.37                                       | 1258.03                                |
| AMW102S                | S2/S3            | 1310.31  | 51.94                                       | 1258.37                                |
| AMW104                 | S1/S2/S3         | 1306.09  | 48.96                                       | 1257.13                                |
| AMW105D                | S1/S2            | 1300.31  | 44.26                                       | 1256.05                                |
| AMW105S                | S2/S3            | 1300.10  | 44.12                                       | 1255.98                                |
| AMW106D                | S1               | 1307.16  | 49.93                                       | 1257.23                                |
| AMW106S                | S2/S3            | 1306.93  | 49.77                                       | 1257.16                                |
| AMW107D                | S1               | 1305.66  | 48.58                                       | 1257.08                                |
| AMW107S                | S2/S3            | 1305.64  | 48.56                                       | 1257.08                                |
| AMW108D                | S1               | 1307.13  | 49.96                                       | 1257.17                                |
| AMW108S                | S2/S3            | 1307.34  | 50.22                                       | 1257.12                                |
| AMW16D                 | S1               | 1308.98  | 50.83                                       | 1258.15                                |
| AMW16S                 | S2/S3            | 1309.02  | 50.87                                       | 1258.15                                |
| AMW3                   | S1/S2            | 1308.25  | 51.10                                       | 1257.15                                |
| AMW4D                  | S1               | 1309.27  | 51.00                                       | 1258.27                                |
| AMW4S                  | S2/S3            | 1309.17  | 50.89                                       | 1258.28                                |
| AMW5D                  | S1               | 1307.57  | 52.65                                       | 1254.92                                |
| AMW5S                  | S2/S3            | 1307.50  | 50.04                                       | 1257.46                                |
| AMW8D                  | S1               | 1307.74  | 49.80                                       | 1257.94                                |
| AMW8S                  | S2/S3            | 1307.70  | 49.79                                       | 1257.91                                |
| APMW302S1              | S1               | 1307.93  | 49.92                                       | 1258.01                                |
| APMW302S2              | S2/S3            | 1307.98  | 49.86                                       | 1258.12                                |
| APMW302S3              | S2/S3            | 1307.74  | 49.63                                       | 1258.11                                |
| IW29                   | S1               | 1309.48  | NM <sup>3</sup>                             | --                                     |
| IW30                   | S2/S3            | 1315.25  | NM  | --                                     |
| IW31                   | S2/S3            | 1315.47  | NM  | --                                     |
| IW32                   | S2/S3            | 1313.78  | NM  | --                                     |
| IW35A                  | S2/S3            | 1309.06  | NM  | --                                     |
| IW35B                  | S2/S3            | 1309.08  | NM  | --                                     |
| IW36                   | S1               | 1309.15  | NM  | --                                     |
| IW40                   | S2/S3            | 1306.77  | NM  | --                                     |
| IW41                   | S2/S3            | 1303.07  | NM  | --                                     |
| IW42                   | S2/S3            | 1295.27  | NM  | --                                     |
| IW43                   | S2/S3            | 1295.27  | NM  | --                                     |
| IW44                   | S2/S3            | 1295.27  | NM  | --                                     |
| IW45                   | S2/S3            | 1306.22  | NM  | --                                     |
| IW46                   | S2/S3            | 1300.26  | NM  | --                                     |
| MW02S1                 | S1               | 1306.54  | 56.53                                       | 1250.01                                |
| MW02S2                 | S2/S3            | 1306.93  | 50.61                                       | 1256.32                                |
| MW03S1                 | S1               | 1306.87  | 52.82                                       | 1254.05                                |
| MW04S1                 | S2/S3            | 1290.96  | 31.75                                       | 1259.21                                |
| MW04S3                 | S2/S3            | 1291.18  | 31.92                                       | 1259.26                                |

TABLE 3

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**SUMMARY OF GROUNDWATER ELEVATIONS**  
**MAY 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <i>Well Identifier</i> | <i>Sand Unit</i> | <i>Reference Elevation (ft AMSL)<sup>1</sup></i> | <i>Depth to Water (ft BTOC)<sup>2</sup></i> | <i>Groundwater Elevation (ft AMSL)</i> |
|------------------------|------------------|--|---|--|
| MW05S3                 | S2/S3            | 1302.43  | 41.10                                       | 1261.33                                |
| MW05S4                 | S4               | 1301.38  | NA <sup>4</sup>                             | --                                     |
| MW06BR                 | BR               | 1310.35  | 49.16                                       | 1261.19                                |
| MW06S1                 | S1               | 1310.88  | 50.96                                       | 1259.92                                |
| MW06S3                 | S2/S3            | 1310.78  | 49.08                                       | 1261.70                                |
| MW07S1                 | S1               | 1307.52  | 59.33                                       | 1248.19                                |
| MW07S2                 | S2/S3            | 1306.33  | 48.18                                       | 1258.15                                |
| MW07S3                 | S2/S3            | 1306.39  | 39.25                                       | 1267.14                                |
| MW08S1                 | S1               | 1307.44  | 49.47                                       | 1257.97                                |
| MW08S2                 | S2/S3            | 1307.71  | 48.67                                       | 1259.04                                |
| MW08S3                 | S2/S3            | 1308.45  | 48.11                                       | 1260.34                                |
| MW08S4                 | S4               | 1307.51  | NA  | --                                     |
| MW09S1                 | S1               | 1307.15  | 58.74                                       | 1248.41                                |
| MW09S3                 | S2/S3            | 1307.04  | 49.77                                       | 1257.27                                |
| MW09S4                 | S4               | 1308.57  | NA  | --                                     |
| MW10S1                 | S1               | 1299.25  | 40.15                                       | 1259.10                                |
| MW10S2                 | S2/S3            | 1298.59  | 39.19                                       | 1259.40                                |
| MW10S3                 | S2/S3            | 1298.84  | 39.25                                       | 1259.59                                |
| MW113S3                | S2/S3            | 1309.26  | 52.90                                       | 1256.36                                |
| MW114S1                | S1               | 1308.98  | 59.32                                       | 1249.66                                |
| MW11S1                 | S1               | 1290.95  | 29.20                                       | 1261.75                                |
| MW11S3A                | S2/S3            | 1291.36  | 30.32                                       | 1261.04                                |
| MW11S3B                | S2/S3            | 1290.83  | 29.91                                       | 1260.92                                |
| MW12S1A                | S1               | 1310.00  | 60.96                                       | 1249.04                                |
| MW12S3                 | S2/S3            | 1308.26  | 51.85                                       | 1256.41                                |
| MW130S1                | S1               | 1284.93  | 23.84                                       | 1261.09                                |
| MW130S2                | S2/S3            | 1284.96  | 23.60                                       | 1261.36                                |
| MW130S3                | S2/S3            | 1284.89  | 23.45                                       | 1261.44                                |
| MW131S2                | S2/S3            | 1281.73  | 22.04                                       | 1259.69                                |
| MW131S3                | S2/S3            | 1281.49  | 22.73                                       | 1258.76                                |
| MW132S1                | S1               | 1295.75  | 35.81                                       | 1259.94                                |
| MW132S2/S3             | S2/S3            | 1295.87  | 35.74                                       | 1260.13                                |
| MW133S2/S3             | S2/S3            | 1284.05  | 25.44                                       | 1258.61                                |
| MW134S2                | S2/S3            | 1302.31  | 44.23                                       | 1258.08                                |
| MW134S3                | S2/S3            | 1302.29  | 44.17                                       | 1258.12                                |
| MW135S1                | S1               | 1302.61  | 45.40                                       | 1257.21                                |
| MW135S2/S3             | S2/S3            | 1302.62  | 45.26                                       | 1257.36                                |
| MW136S2/S3             | S2/S3            | 1287.43  | 30.28                                       | 1257.15                                |
| MW137S1                | S1               | 1304.99  | 48.95                                       | 1256.04                                |
| MW137S2                | S2/S3            | 1304.93  | 49.02                                       | 1255.91                                |
| MW137S3                | S2/S3            | 1304.88  | 48.87                                       | 1256.01                                |
| MW138S1                | S2/S3            | 1298.82  | 42.51                                       | 1256.31                                |
| MW138S2/S3             | S2/S3            | 1298.83  | 42.53                                       | 1256.30                                |
| MW139S2/S3             | S2/S3            | 1299.13  | 42.82                                       | 1256.31                                |
| MW13S1                 | S1               | 1304.34  | 48.89                                       | 1255.45                                |
| MW13S3                 | S2/S3            | 1308.01  | 51.22                                       | 1256.79                                |

TABLE 3

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**SUMMARY OF GROUNDWATER ELEVATIONS**  
**MAY 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Well Identifier</b> | <b>Sand Unit</b> | <b>Reference Elevation<br/>(ft AMSL)<sup>1</sup></b> | <b>Depth to Water<br/>(ft BTOC)<sup>2</sup></b> | <b>Groundwater Elevation<br/>(ft AMSL)</b> |
|------------------------|------------------|--|---|--|
| MW140S1                | S1               | 1304.95  | 48.68   | 1256.27                                    |
| MW140S2/S3             | S2/S3            | 1304.76  | 48.59   | 1256.17                                    |
| MW141S2/S3             | S2/S3            | 1307.86  | 51.29   | 1256.57                                    |
| MW142S2/S3             | S2/S3            | 1297.03  | 41.28   | 1255.75                                    |
| MW143S2/S3             | S2/S3            | 1300.32  | 42.30   | 1258.02                                    |
| MW144S2/S3             | S2/S3            | 1303.64  | 45.59   | 1258.05                                    |
| MW145S2/S3             | S2/S3            | 1291.12  | 31.12   | 1260.00                                    |
| MW14S1                 | S1               | 1310.46  | 60.81   | 1249.65                                    |
| MW14S3                 | S2/S3            | 1308.54  | 51.85   | 1256.69                                    |
| MW15S1                 | S1               | 1306.23  | 56.05   | 1250.18                                    |
| MW15S2                 | S2/S3            | 1305.98  | 49.51   | 1256.47                                    |
| MW15S4                 | S4               | 1307.97  | 34.99   | 1272.98                                    |
| MW16BR                 | BR               | 1305.07  | 52.23   | 1252.84                                    |
| MW16S1A                | S1               | 1306.67  | 54.49   | 1252.18                                    |
| MW16S2SS               | S2/S3            | 1305.95  | 49.20   | 1256.75                                    |
| MW16S4R                | S4               | 1306.89  | 35.10   | 1271.79                                    |
| MW17S1                 | S1               | 1307.16  | 55.10   | 1252.06                                    |
| MW17S3A                | S2/S3            | 1307.31  | 47.76   | 1259.55                                    |
| MW17S3B                | S2/S3            | 1307.08  | 47.03   | 1260.05                                    |
| MW18S1                 | S1               | 1308.25  | 56.43   | 1251.82                                    |
| MW18S3                 | S2/S3            | 1309.17  | 49.75   | 1259.42                                    |
| MW18S4                 | S4               | 1309.20  | NA  | --   |
| MW19S1                 | S1               | 1310.34  | 58.54   | 1251.80                                    |
| MW19S2                 | S2/S3            | 1310.26  | 53.96   | 1256.30                                    |
| MW19S3                 | S2/S3            | 1310.54  | 51.81   | 1258.73                                    |
| MW19S4                 | S4               | 1310.01  | 32.93   | 1277.08                                    |
| MW20S1                 | S1               | 1305.81  | 46.14   | 1259.67                                    |
| MW20S3                 | S2/S3            | 1305.45  | 46.31   | 1259.14                                    |
| MW21S1                 | S1               | 1299.58  | 42.70   | 1256.88                                    |
| MW21S3                 | S2/S3            | 1299.26  | 42.18   | 1257.08                                    |
| MW21S4R                | S4               | 1299.99  | NA  | --   |
| MW22S1                 | S1               | 1304.12  | 48.17   | 1255.95                                    |
| MW22S2                 | S2/S3            | 1304.55  | 48.42   | 1256.13                                    |
| MW22S4                 | S4               | 1304.16  | 34.81   | 1269.35                                    |
| MW23BR                 | BR               | 1309.68  | 57.70   | 1251.98                                    |
| MW24S1                 | S1               | 1309.32  | 60.38   | 1248.94                                    |
| MW24S3                 | S2/S3            | 1308.22  | 51.16   | 1257.06                                    |
| MW24S4                 | S4               | 1308.73  | 36.97   | 1271.76                                    |
| MW25S1                 | S1               | 1311.63  | 54.35   | 1257.28                                    |
| MW26S1                 | S1               | 1308.74  | 50.76   | 1257.98                                    |
| MW26S3                 | S2/S3            | 1308.93  | 50.32   | 1258.61                                    |
| MW27S1                 | S1               | 1309.23  | 57.27   | 1251.96                                    |
| MW27S2                 | S2/S3            | 1309.49  | 52.89   | 1256.60                                    |
| MW28S1                 | S1               | 1309.34  | 56.46   | 1252.88                                    |
| MW28S2                 | S2/S3            | 1309.44  | 51.85   | 1257.59                                    |
| MW28S3                 | S2/S3            | 1309.51  | 51.70   | 1257.81                                    |
| MW29S1                 | S1               | 1305.39  | 57.60   | 1247.79                                    |

TABLE 3

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**SUMMARY OF GROUNDWATER ELEVATIONS**  
**MAY 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <i>Well Identifier</i> | <i>Sand Unit</i> | <i>Reference Elevation (ft AMSL)<sup>1</sup></i> | <i>Depth to Water (ft BTOC)<sup>2</sup></i> | <i>Groundwater Elevation (ft AMSL)</i> |
|------------------------|------------------|--|---|--|
| MW29S2                 | S2/S3            | 1305.46  | 48.16                                       | 1257.30                                |
| MW29S3                 | S2/S3            | 1306.58  | 29.11                                       | 1277.47                                |
| MW30S1                 | S1               | 1310.01  | 54.30                                       | 1255.71                                |
| MW30S2                 | S2/S3            | 1309.96  | 52.93                                       | 1257.03                                |
| MW30S3                 | S2/S3            | 1310.06  | 50.17                                       | 1259.89                                |
| MW31S1                 | S1               | 1298.06  | 37.26                                       | 1260.80                                |
| MW32S1                 | S1               | 1307.09  | 46.19                                       | 1260.90                                |
| P-29                   | S1               | 1309.30  | 69.72                                       | 1239.58                                |
| P30-01                 | S2/S3            | 1315.60  | 61.29                                       | 1254.31                                |
| P31-01                 | S2/S3            | 1316.01  | 60.97                                       | 1255.04                                |
| P31-02                 | S2/S3            | 1315.94  | 60.37                                       | 1255.57                                |
| P32-01                 | S2/S3            | 1313.03  | 57.25                                       | 1255.78                                |
| P32-02                 | S2/S3            | 1313.62  | 57.97                                       | 1255.65                                |
| P35-01                 | S2/S3            | 1310.41  | 54.61                                       | 1255.80                                |
| P35-02                 | S2/S3            | 1308.32  | 52.46                                       | 1255.86                                |
| P35-03                 | S2/S3            | 1308.27  | 51.84                                       | 1256.43                                |
| PZ40A                  | S2/S3            | 1305.68  | 49.03                                       | 1256.65                                |
| PZ40B                  | S2/S3            | 1305.36  | 48.64                                       | 1256.72                                |
| PZ40C                  | S2/S3            | 1305.81  | 49.08                                       | 1256.73                                |
| PZ41A                  | S2/S3            | 1301.91  | 45.38                                       | 1256.53                                |
| PZ41B                  | S2/S3            | 1301.74  | 44.68                                       | 1257.06                                |
| PZ41C                  | S2/S3            | 1303.67  | 46.73                                       | 1256.94                                |
| PZ42A                  | S2/S3            | 1294.95  | 36.38                                       | 1258.57                                |
| PZ42B                  | S2/S3            | 1292.30  | 33.19                                       | 1259.11                                |
| PZ43A                  | S2/S3            | 1306.00  | 50.00                                       | 1256.00                                |
| PZ44A                  | S2/S3            | 1303.57  | 47.88                                       | 1255.69                                |
| PZ44B                  | S2/S3            | 1303.93  | 48.16                                       | 1255.77                                |
| PZ44C                  | S2/S3            | 1303.75  | 47.86                                       | 1255.89                                |
| PZ44D                  | S2/S3            | 1303.38  | 47.66                                       | 1255.72                                |
| PZ45A                  | S2/S3            | 1306.68  | 50.88                                       | 1255.80                                |
| PZ45B                  | S2/S3            | 1306.81  | 50.92                                       | 1255.89                                |
| PZ46A                  | S2/S3            | 1300.75  | 44.36                                       | 1256.39                                |
| PZ46B                  | S2/S3            | 1300.26  | 43.56                                       | 1256.70                                |

Notes:

Top of casing reference elevations resurveyed in 2010.

The following wells were surveyed and/or resurveyed in October 2013: AMW101D, AMW101I, AMW101S, MW16S4R, MW21S4R, PZ45A, PZ45B, PZ46A, PZ46B, IW45, and IW46.

<sup>1</sup> ft AMSL - feet above mean sea level (2010 reference elevation)

<sup>2</sup> ft BTOC - feet below top of casing

<sup>3</sup> NM - not measured

<sup>4</sup> NA - water level not available due to pump stuck in well, water level below pump, or well was dry

TABLE 4

**SUMMARY OF MONITORING WELL PURGING PARAMETERS**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Sample Location</b>   | <b>Date and Time</b> | <b>Static</b>                            |                              | <b>Bailed Wells</b>    |                                | <b>Pumping Rate (L/min)<sup>2</sup></b> | <b>pH (Std. Units)<sup>3</sup></b> | <b>Conductivity (mS/cm)<sup>4</sup></b> | <b>Turbidity (NTU)<sup>5</sup></b> | <b>DO (mg/L)<sup>6</sup></b> | <b>Temp (°C)<sup>7</sup></b> | <b>ORP<sup>8</sup> (mV)<sup>9</sup></b> | <b>Clarity</b>  | <b>Color</b>      | <b>Odor</b>     |
|--|----------------------|--|------------------------------|------------------------|--------------------------------|---|------------------------------------|---|------------------------------------|------------------------------|------------------------------|---|-----------------|-------------------|-----------------|
|  |                      | <b>Water Level (ft BTOC)<sup>1</sup></b> | <b>Water Level (ft BTOC)</b> | <b>Drawdown (Feet)</b> | <b>Volume Purged (Gallons)</b> |   |                                    |   |                                    |                              |                              |   |                 |                   |                 |
| AMW1   | 5/12/2014 11:10      | 50.77                                    | 50.82                        | 0.05                   |                                | 0.500                                   | 6.77                               | 0.708                                   | 2.05                               | 2.15                         | 14.64                        | -119.1                                  | Clear           | N/A <sup>10</sup> | Y <sup>11</sup> |
| AMW1   | 5/12/2014 11:15      |  | 50.82                        | 0.05                   |                                | 0.500                                   | 6.73                               | 0.707                                   | 2.22                               | 2.15                         | 15.33                        | -123.3                                  | Clear           | N/A               | Y               |
| AMW1   | 5/12/2014 11:20      |  | 50.82                        | 0.05                   |                                | 0.500                                   | 6.70                               | 0.705                                   | 2.15                               | 2.71                         | 15.32                        | -122.3                                  | Clear           | N/A               | Y               |
| AMW101D  | 5/12/2014 9:10       | 48.88                                    | -- <sup>12</sup>             | --                     |                                | 0.750                                   | 7.07                               | 1.337                                   | 3.19                               | 4.25                         | 17.05                        | -42.7                                   | Clear           | N/A               | Y, strong odor  |
| AMW101D  | 5/12/2014 9:15       |  | 48.91                        | 0.03                   |                                | 0.750                                   | 7.13                               | 1.312                                   | 2.73                               | 0.98                         | 16.90                        | -70.8                                   | Clear           | N/A               | Y, strong odor  |
| AMW101D  | 5/12/2014 9:20       |  | 48.92                        | 0.04                   |                                | 0.750                                   | 7.11                               | 1.271                                   | 2.70                               | 0.69                         | 16.89                        | -77.2                                   | Clear           | N/A               | Y, strong odor  |
| AMW101D  | 5/12/2014 9:25       |  | 48.92                        | 0.04                   |                                | 0.750                                   | 7.10                               | 1.257                                   | 2.73                               | 0.61                         | 16.90                        | -81.2                                   | Clear           | N/A               | Y, strong odor  |
| AMW101D  | 5/12/2014 9:30       |  | 48.92                        | 0.04                   |                                | 0.750                                   | 7.09                               | 1.234                                   | 2.72                               | 0.48                         | 16.92                        | -88.4                                   | Clear           | N/A               | Y, strong odor  |
| AMW101D  | 5/12/2014 9:35       |  | 48.91                        | 0.03                   |                                | 0.750                                   | 7.07                               | 1.233                                   | 2.69                               | 0.42                         | 16.92                        | -85.5                                   | Clear           | N/A               | Y, strong odor  |
| AMW101D  | 5/12/2014 9:40       |  | 49.92                        | 0.04                   |                                | 0.750                                   | 7.08                               | 1.233                                   | 2.68                               | 0.39                         | 16.93                        | -83.6                                   | Clear           | N/A               | Y, strong odor  |
| AMW101I  | 5/21/2014 14:35      | 48.96                                    | 48.96                        | 0.00                   |                                | 0.500                                   | 6.75                               | 1.193                                   | 147                                | 4.65                         | 18.35                        | -64.3                                   | Turbid          | Black             | Y               |
| AMW101I  | 5/21/2014 14:40      |  | 48.96                        | 0.00                   |                                | 0.500                                   | 6.70                               | 1.222                                   | 151                                | 0.74                         | 19.37                        | -31.7                                   | Turbid          | Black             | Y               |
| AMW101I  | 5/21/2014 14:45      |  | 48.96                        | 0.00                   |                                | 0.500                                   | 6.71                               | 1.239                                   | 143                                | 0.37                         | 19.66                        | -63.4                                   | Turbid          | Black             | Y               |
| AMW101I  | 5/21/2014 14:50      |  | 48.96                        | 0.00                   |                                | 0.500                                   | 6.71                               | 1.239                                   | 130                                | 0.29                         | 19.61                        | -52.0                                   | Turbid          | Black             | Y               |
| AMW101I  | 5/21/2014 14:55      |  | 48.96                        | 0.00                   |                                | 0.500                                   | 6.78                               | 1.225                                   | 116                                | 0.34                         | 22.96                        | -42.7                                   | Turbid          | Black             | Y               |
| AMW101I  | 5/21/2014 15:00      |  | 48.96                        | 0.00                   |                                | 0.500                                   | 6.79                               | 1.218                                   | 121                                | 0.22                         | 19.49                        | -71.1                                   | Turbid          | Black             | Y               |
| AMW101I  | 5/21/2014 15:05      |  | 48.96                        | 0.00                   |                                | 0.500                                   | 6.73                               | 1.232                                   | 73.5                               | 0.16                         | 20.28                        | -70.9                                   | Turbid          | Black             | Y               |
| AMW101I  | 5/21/2014 15:10      |  | 48.96                        | 0.00                   |                                | 0.500                                   | 6.72                               | 1.233                                   | 51.3                               | 0.13                         | 20.00                        | -68.2                                   | Slightly Cloudy | Black             | Y               |
| AMW101I  | 5/21/2014 15:15      |  | 48.96                        | 0.00                   |                                | 0.500                                   | 6.67                               | 1.229                                   | 34.4                               | 0.19                         | 19.08                        | -76.7                                   | Slightly Cloudy | Black             | Y               |
| AMW101I  | 5/21/2014 15:20      |  | 48.96                        | 0.00                   |                                | 0.500                                   | 6.64                               | 1.243                                   | 26.6                               | 0.13                         | 18.82                        | -75.7                                   | Slightly Cloudy | Black             | Y               |
| AMW101I  | 5/21/2014 15:25      |  | 48.96                        | 0.00                   |                                | 0.500                                   | 6.62                               | 1.252                                   | 24.1                               | 0.12                         | 18.60                        | -75.5                                   | Slightly Cloudy | Black             | Y               |
| AMW101I  | 5/21/2014 15:30      |  | 48.96                        | 0.00                   |                                | 0.500                                   | 6.63                               | 1.255                                   | 23.7                               | 0.11                         | 18.52                        | -76.9                                   | Slightly Cloudy | Black             | Y               |
| AMW101S  | 5/21/2014 13:40      | 36.66                                    | 37.54                        | 0.88                   |                                | 0.400                                   | 6.84                               | 1.411                                   | 32.4                               | 0.94                         | 20.00                        | -64.8                                   | Slightly Cloudy | Black             | Y               |
| AMW101S  | 5/21/2014 13:45      |  | 37.80                        | 1.14                   |                                | 0.400                                   | 6.81                               | 1.373                                   | 35.3                               | 0.59                         | 18.74                        | -115.9                                  | Slightly Cloudy | Black             | Y               |
| AMW101S  | 5/21/2014 13:50      |  | 38.27                        | 1.61                   |                                | 0.400                                   | 6.85                               | 1.386                                   | 29.3                               | 0.48                         | 19.30                        | -116.9                                  | Slightly Cloudy | Black             | Y               |
| AMW101S  | 5/21/2014 14:00      |  | 41.92                        | 5.26                   |                                | 0.400                                   | 6.81                               | 1.341                                   | 12.9                               | 0.28                         | 17.61                        | -126.0                                  | Clear           | Gray              | Y               |
| Strong sulfur odor. Due to excessive drawdown, purged well until dry at 14:10, removed 7.5 total gallons. Sampled well at 16:10 upon 90% water level recovery. |                      |  |                              |                        |                                |   |                                    |   |                                    |                              |                              |   |                 |                   |                 |
| AMW102D  | 5/10/2014 10:10      | 52.44                                    | 52.50                        | 0.06                   |                                | 0.350                                   | 7.04                               | 1.112                                   | 1.07                               | 6.61                         | 16.75                        | 219.0                                   | Clear           | N/A               | N               |
| AMW102D  | 5/10/2014 10:15      |  | 52.50                        | 0.06                   |                                | 0.350                                   | 7.05                               | 1.101                                   | 1.58                               | 6.10                         | 16.36                        | 219.4                                   | Clear           | N/A               | N               |
| AMW102D  | 5/10/2014 10:20      |  | 52.51                        | 0.07                   |                                | 0.350                                   | 7.05                               | 1.096                                   | 1.49                               | 6.09                         | 16.22                        | 220.7                                   | Clear           | N/A               | N               |
| AMW102D  | 5/10/2014 10:25      |  | 52.51                        | 0.07                   |                                | 0.350                                   | 7.05                               | 1.090                                   | 1.18                               | 6.14                         | 16.20                        | 221.0                                   | Clear           | N/A               | N               |

TABLE 4

**SUMMARY OF MONITORING WELL PURGING PARAMETERS**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Sample Location</b> | <b>Date and Time</b> | <b>Static</b>                                      |  | <b>Bailed Wells</b>              |  |   |  |   |  |  |  |   |       | <b>Clarity</b> | <b>Color</b> | <b>Odor</b> |  |  |
|------------------------|----------------------|--|--|----------------------------------|--|---|--|---|--|--|--|---|-------|----------------|--------------|-------------|--|--|
|                        |                      | <b>Water Level</b><br><b>(ft BTOC)<sup>1</sup></b> | <b>Water Level</b><br><b>(ft BTOC)</b> | <b>Drawdown</b><br><b>(Feet)</b> | <b>Volume Purged</b><br><b>(Gallons)</b> | <b>Pumping Rate</b><br><b>(L/min)<sup>2</sup></b> | <b>pH</b><br><b>(Std. Units)<sup>3</sup></b> | <b>Conductivity</b><br><b>(mS/cm)<sup>4</sup></b> | <b>Turbidity</b><br><b>(NTU)<sup>5</sup></b> | <b>DO</b><br><b>(mg/L)<sup>6</sup></b> | <b>Temp</b><br><b>(°C)<sup>7</sup></b> | <b>ORP<sup>8</sup></b><br><b>(mV)<sup>9</sup></b> |       |                |              |             |  |  |
| AMW102S                | 5/22/2014 8:55       | 51.88  | 51.94                                  | 0.06                             |  | 0.250   | 6.65   | 0.699   | 1.97   | 8.82                                   | 16.18                                  | 77.1  | Clear | N/A            | Y            |             |  |  |
| AMW102S                | 5/22/2014 9:00       |  | 51.94                                  | 0.06                             |  | 0.250   | 6.67   | 0.707   | 2.19   | 8.37                                   | 16.61                                  | 78.4  | Clear | N/A            | Y            |             |  |  |
| AMW102S                | 5/22/2014 9:05       |  | 51.94                                  | 0.06                             |  | 0.250   | 6.70   | 0.710   | 1.68   | 8.52                                   | 16.84                                  | 75.3  | Clear | N/A            | Y            |             |  |  |
| AMW102S                | 5/22/2014 9:10       |  | 51.94                                  | 0.06                             |  | 0.250   | 6.71   | 0.708   | 2.00   | 8.47                                   | 16.83                                  | 75.2  | Clear | N/A            | Y            |             |  |  |
|                        |                      |  |  |                                  |  |   |  |   | Slight sulfur odor.                          |  |  |   |       |                |              |             |  |  |
| AMW104                 | 5/20/2014 10:55      | 48.82  | 48.85                                  | 0.03                             |  | 0.500   | 6.74   | 0.720   | 0.36   | 5.85                                   | 15.55                                  | -93.8   | Clear | N/A            | N            |             |  |  |
| AMW104                 | 5/20/2014 11:00      |  | 48.85                                  | 0.03                             |  | 0.500   | 6.74   | 0.721   | 0.40   | 5.69                                   | 15.60                                  | -105.9  | Clear | N/A            | N            |             |  |  |
| AMW104                 | 5/20/2014 11:05      |  | 48.85                                  | 0.03                             |  | 0.500   | 6.75   | 0.721   | 0.36   | 5.61                                   | 15.58                                  | -99.7   | Clear | N/A            | N            |             |  |  |
| AMW104                 | 5/20/2014 11:10      |  | 48.85                                  | 0.03                             |  | 0.500   | 6.74   | 0.721   | 0.38   | 5.59                                   | 15.60                                  | -96.2   | Clear | N/A            | N            |             |  |  |
| AMW105D                | 5/19/2014 13:50      | 44.31  | 44.83                                  | 0.52                             |  | 0.250   | 6.96   | 0.502   | 0.59   | 0.87                                   | 16.40                                  | -123.6  | Clear | N/A            | N            |             |  |  |
| AMW105D                | 5/19/2014 13:55      |  | 44.86                                  | 0.55                             |  | 0.250   | 6.95   | 0.501   | 0.45   | 0.64                                   | 16.36                                  | -128.3  | Clear | N/A            | N            |             |  |  |
| AMW105D                | 5/19/2014 14:00      |  | 44.86                                  | 0.55                             |  | 0.250   | 6.96   | 0.503   | 0.46   | 0.56                                   | 16.45                                  | -131.4  | Clear | N/A            | N            |             |  |  |
| AMW105D                | 5/19/2014 14:05      |  | 44.86                                  | 0.55                             |  | 0.250   | 6.97   | 0.503   | 0.45   | 0.52                                   | 16.45                                  | -134.0  | Clear | N/A            | N            |             |  |  |
| AMW105D                | 5/19/2014 14:10      |  | 44.86                                  | 0.55                             |  | 0.250   | 6.97   | 0.503   | 0.37   | 0.48                                   | 16.56                                  | -135.9  | Clear | N/A            | N            |             |  |  |
| AMW105S                | 5/19/2014 14:35      | 44.09  | 44.09                                  | 0.00                             |  | 0.500   | 6.95   | 0.427   | 0.84   | 7.10                                   | 15.81                                  | -111.2  | Clear | N/A            | N            |             |  |  |
| AMW105S                | 5/19/2014 14:40      |  | 44.09                                  | 0.00                             |  | 0.500   | 6.91   | 0.424   | 1.92   | 6.81                                   | 15.81                                  | -113.3  | Clear | N/A            | N            |             |  |  |
| AMW105S                | 5/19/2014 14:45      |  | 44.09                                  | 0.00                             |  | 0.500   | 6.90   | 0.422   | 1.46   | 6.78                                   | 15.69                                  | -113.5  | Clear | N/A            | N            |             |  |  |
| AMW105S                | 5/19/2014 14:50      |  | 44.09                                  | 0.00                             |  | 0.500   | 6.91   | 0.422   | 1.03   | 6.78                                   | 15.74                                  | -114.1  | Clear | N/A            | N            |             |  |  |
| AMW107D                | 5/7/2014 15:20       | 48.59  | 48.77                                  | 0.18                             |  | 0.400   | 5.49   | 1.927   | 2.14   | 1.36                                   | 15.42                                  | -108.7  | Clear | N/A            | N            |             |  |  |
| AMW107D                | 5/7/2014 15:25       |  | 48.78                                  | 0.19                             |  | 0.400   | 5.83   | 1.934   | 2.08   | 0.95                                   | 15.48                                  | -133.6  | Clear | N/A            | N            |             |  |  |
| AMW107D                | 5/7/2014 15:30       |  | 48.78                                  | 0.19                             |  | 0.400   | 6.30   | 1.945   | 0.91   | 0.73                                   | 15.42                                  | -154.3  | Clear | N/A            | N            |             |  |  |
| AMW107D                | 5/7/2014 15:35       |  | 48.78                                  | 0.19                             |  | 0.400   | 6.48   | 1.950   | 0.69   | 0.66                                   | 15.40                                  | -150.0  | Clear | N/A            | N            |             |  |  |
| AMW107D                | 5/7/2014 15:40       |  | 48.78                                  | 0.19                             |  | 0.400   | 6.53   | 1.950   | 0.87   | 0.64                                   | 15.38                                  | -144.1  | Clear | N/A            | N            |             |  |  |
| AMW107D                | 5/7/2014 15:45       |  | 48.78                                  | 0.19                             |  | 0.400   | 6.64   | 1.948   | 0.92   | 0.60                                   | 15.41                                  | -140.5  | Clear | N/A            | N            |             |  |  |
| AMW107D                | 5/7/2014 15:50       |  | 48.78                                  | 0.19                             |  | 0.400   | 6.69   | 1.947   | 0.66   | 0.57                                   | 15.47                                  | -144.0  | Clear | N/A            | N            |             |  |  |
| AMW107D                | 5/7/2014 15:55       |  | 48.78                                  | 0.19                             |  | 0.400   | 6.70   | 1.946   | 0.57   | 0.57                                   | 15.38                                  | -137.0  | Clear | N/A            | N            |             |  |  |
| AMW107S                | 5/8/2014 8:15        | 48.74  | 48.75                                  | 0.01                             |  | 0.700   | 6.61   | 1.137   | 1.59   | 3.70                                   | 15.11                                  | 213.0   | Clear | N/A            | N            |             |  |  |
| AMW107S                | 5/8/2014 8:20        |  | 48.75                                  | 0.01                             |  | 0.700   | 6.66   | 0.879   | 1.98   | 7.34                                   | 15.11                                  | 211.8   | Clear | N/A            | N            |             |  |  |
| AMW107S                | 5/8/2014 8:25        |  | 48.75                                  | 0.01                             |  | 0.700   | 6.68   | 0.848   | 3.60   | 7.73                                   | 15.10                                  | 211.8   | Clear | N/A            | N            |             |  |  |
| AMW107S                | 5/8/2014 8:30        |  | 48.75                                  | 0.01                             |  | 0.700   | 6.73   | 0.991   | 5.73   | 7.79                                   | 15.10                                  | 212.6   | Clear | N/A            | N            |             |  |  |
| AMW107S                | 5/8/2014 8:35        |  | 48.75                                  | 0.01                             |  | 0.700   | 6.74   | 0.984   | 1.62   | 10.57                                  | 15.10                                  | 212.3   | Clear | N/A            | N            |             |  |  |
| AMW107S                | 5/8/2014 8:40        |  | 48.75                                  | 0.01                             |  | 0.700   | 6.75   | 0.990   | 1.19   | 8.78                                   | 15.09                                  | 213.7   | Clear | N/A            | N            |             |  |  |
| AMW107S                | 5/8/2014 8:45        |  | 48.75                                  | 0.01                             |  | 0.700   | 6.79   | 0.970   | 0.81   | 9.29                                   | 15.08                                  | 214.4   | Clear | N/A            | N            |             |  |  |

TABLE 4

**SUMMARY OF MONITORING WELL PURGING PARAMETERS**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Sample Location</b> | <b>Date and Time</b> | <b>Static</b>                                |                                 | <b>Bailed Wells</b>       |                                   | <b>Pumping Rate</b><br>(L/min) <sup>2</sup> | <b>pH</b><br>(Std. Units) <sup>3</sup> | <b>Conductivity</b><br>(mS/cm) <sup>4</sup> | <b>Turbidity</b><br>(NTU) <sup>5</sup> | <b>DO</b><br>(mg/L) <sup>6</sup> | <b>Temp</b><br>(°C) <sup>7</sup> | <b>ORP<sup>8</sup></b><br>(mV) <sup>9</sup> | <b>Clarity</b> | <b>Color</b> | <b>Odor</b> |
|------------------------|----------------------|--|---------------------------------|---------------------------|-----------------------------------|---|--|---|--|----------------------------------|----------------------------------|---|----------------|--------------|-------------|
|                        |                      | <b>Water Level</b><br>(ft BTOC) <sup>1</sup> | <b>Water Level</b><br>(ft BTOC) | <b>Drawdown</b><br>(Feet) | <b>Volume Purged</b><br>(Gallons) |   |  |   |  |                                  |                                  |   |                |              |             |
| AMW108D                | 5/21/2014 11:05      | 50.22  | 50.22                           | 0.00                      |                                   | 0.450                                       | 6.95                                   | 0.767                                       | 3.84                                   | 9.07                             | 16.23                            | -27.7                                       | Clear          | N/A          | N           |
| AMW108D                | 5/21/2014 11:10      |  | 50.22                           | 0.00                      |                                   | 0.450                                       | 6.99                                   | 0.813                                       | 4.32                                   | 8.75                             | 15.37                            | -19.5                                       | Clear          | N/A          | N           |
| AMW108D                | 5/21/2014 11:15      |  | 50.22                           | 0.00                      |                                   | 0.450                                       | 6.98                                   | 0.828                                       | 5.30                                   | 5.09                             | 16.65                            | -18.3                                       | Clear          | N/A          | N           |
| AMW108D                | 5/21/2014 11:20      |  | 50.22                           | 0.00                      |                                   | 0.450                                       | 6.99                                   | 0.831                                       | 4.83                                   | 8.51                             | 16.87                            | -16.2                                       | Clear          | N/A          | N           |
| AMW108D                | 5/21/2014 11:25      |  | 50.22                           | 0.00                      |                                   | 0.450                                       | 6.99                                   | 0.834                                       | 4.65                                   | 8.43                             | 17.03                            | -15.7                                       | Clear          | N/A          | N           |
| AMW108D                | 5/21/2014 11:30      |  | 50.22                           | 0.00                      |                                   | 0.450                                       | 7.00                                   | 0.840                                       | 3.64                                   | 8.35                             | 17.35                            | -18.0                                       | Clear          | N/A          | N           |
| AMW108S                | 5/21/2014 9:15       | 50.42  | 50.43                           | 0.01                      |                                   | 0.500                                       | 6.94                                   | 0.813                                       | 4.71                                   | 9.15                             | 14.42                            | 13.1  | Clear          | N/A          | N           |
| AMW108S                | 5/21/2014 9:20       |  | 50.43                           | 0.01                      |                                   | 0.500                                       | 6.85                                   | 0.844                                       | 6.13                                   | 7.43                             | 15.73                            | 15.4  | Clear          | N/A          | N           |
| AMW108S                | 5/21/2014 9:25       |  | 50.43                           | 0.01                      |                                   | 0.500                                       | 6.83                                   | 0.847                                       | 5.77                                   | 6.53                             | 15.89                            | 11.7  | Clear          | N/A          | N           |
| AMW108S                | 5/21/2014 9:30       |  | 50.43                           | 0.01                      |                                   | 0.500                                       | 6.81                                   | 0.843                                       | 7.35                                   | 6.07                             | 15.82                            | 9.7   | Clear          | N/A          | N           |
| AMW108S                | 5/21/2014 9:35       |  | 50.43                           | 0.01                      |                                   | 0.500                                       | 6.80                                   | 0.847                                       | 6.95                                   | 5.40                             | 16.22                            | 6.5   | Clear          | N/A          | N           |
| AMW108S                | 5/21/2014 9:40       |  | 50.43                           | 0.01                      |                                   | 0.500                                       | 6.82                                   | 0.855                                       | 5.05                                   | 5.01                             | 16.62                            | 3.3   | Clear          | N/A          | N           |
| AMW108S                | 5/21/2014 9:45       |  | 50.43                           | 0.01                      |                                   | 0.500                                       | 6.82                                   | 0.858                                       | 5.12                                   | 4.62                             | 16.77                            | 0.9   | Clear          | N/A          | N           |
| AMW108S                | 5/21/2014 9:50       |  | 50.43                           | 0.01                      |                                   | 0.500                                       | 6.81                                   | 0.859                                       | 5.81                                   | 4.32                             | 16.83                            | -0.9  | Clear          | N/A          | N           |
| AMW108S                | 5/21/2014 9:55       |  | 50.43                           | 0.01                      |                                   | 0.500                                       | 6.81                                   | 0.861                                       | 5.36                                   | 4.17                             | 16.84                            | -2.0  | Clear          | N/A          | N           |
| AMW16D                 | 5/11/2014 8:40       | 50.91  | 50.92                           | 0.01                      |                                   | 0.400                                       | 6.50                                   | 0.974                                       | 2.69                                   | 2.76                             | 18.09                            | 102.0                                       | Clear          | N/A          | Y           |
| AMW16D                 | 5/11/2014 8:45       |  | 50.92                           | 0.01                      |                                   | 0.400                                       | 6.46                                   | 0.957                                       | 0.74                                   | 1.52                             | 17.59                            | 58.1  | Clear          | N/A          | Y           |
| AMW16D                 | 5/11/2014 8:50       |  | 50.91                           | 0.00                      |                                   | 0.400                                       | 6.48                                   | 0.953                                       | 0.57                                   | 1.24                             | 17.54                            | 45.9  | Clear          | N/A          | Y           |
| AMW16D                 | 5/11/2014 8:55       |  | 50.91                           | 0.00                      |                                   | 0.400                                       | 6.49                                   | 0.943                                       | 1.29                                   | 1.03                             | 17.54                            | 36.4  | Clear          | N/A          | Y           |
| AMW16D                 | 5/11/2014 9:00       |  | 50.92                           | 0.01                      |                                   | 0.400                                       | 6.50                                   | 0.946                                       | 0.35                                   | 0.78                             | 17.55                            | 26.9  | Clear          | N/A          | Y           |
| AMW16D                 | 5/11/2014 9:05       |  | 50.92                           | 0.01                      |                                   | 0.400                                       | 6.52                                   | 0.941                                       | 0.31                                   | 0.63                             | 17.56                            | 18.9  | Clear          | N/A          | Y           |
| AMW16D                 | 5/11/2014 9:10       |  | 50.92                           | 0.01                      |                                   | 0.400                                       | 6.54                                   | 0.937                                       | 1.08                                   | 0.52                             | 17.58                            | 6.1   | Clear          | N/A          | Y           |
| AMW16D                 | 5/11/2014 9:15       |  | 50.92                           | 0.01                      |                                   | 0.400                                       | 6.54                                   | 0.937                                       | 1.17                                   | 0.50                             | 17.60                            | 3.0   | Clear          | N/A          | Y           |
| AMW16D                 | 5/11/2014 9:20       |  | 50.92                           | 0.01                      |                                   | 0.400                                       | 6.55                                   | 0.937                                       | 0.80                                   | 0.46                             | 17.63                            | -2.6  | Clear          | N/A          | Y           |
| AMW16S                 | 5/11/2014 9:45       | 50.65  | 51.00                           | 0.35                      |                                   | 0.500                                       | 6.68                                   | 1.117                                       | 7.22                                   | 1.02                             | 18.36                            | -39.4                                       | Clear          | N/A          | Y           |
| AMW16S                 | 5/11/2014 9:50       |  | 50.98                           | 0.33                      |                                   | 0.500                                       | 6.64                                   | 1.108                                       | 7.95                                   | 1.25                             | 18.25                            | -75.1                                       | Clear          | N/A          | Y           |
| AMW16S                 | 5/11/2014 9:55       |  | 51.00                           | 0.35                      |                                   | 0.500                                       | 6.65                                   | 1.116                                       | 6.12                                   | 1.41                             | 18.30                            | -79.8                                       | Clear          | N/A          | Y           |
| AMW16S                 | 5/11/2014 10:00      |  | 51.02                           | 0.37                      |                                   | 0.500                                       | 6.66                                   | 1.126                                       | 5.36                                   | 1.39                             | 18.42                            | -79.6                                       | Clear          | N/A          | Y           |
| AMW16S                 | 5/11/2014 10:05      |  | 51.02                           | 0.37                      |                                   | 0.500                                       | 6.66                                   | 1.129                                       | 4.35                                   | 1.38                             | 18.45                            | -79.7                                       | Clear          | N/A          | Y           |
| AMW3                   | 5/20/2014 13:30      | 51.31  | 51.32                           | 0.01                      |                                   | 0.500                                       | 6.76                                   | 0.916                                       | 1.48                                   | 3.72                             | 16.05                            | -97.3                                       | Clear          | N/A          | N           |
| AMW3                   | 5/20/2014 13:35      |  | 51.33                           | 0.02                      |                                   | 0.500                                       | 6.75                                   | 0.915                                       | 2.01                                   | 3.31                             | 15.93                            | -102.2                                      | Clear          | N/A          | N           |
| AMW3                   | 5/20/2014 13:40      |  | 51.33                           | 0.02                      |                                   | 0.500                                       | 6.75                                   | 0.914                                       | 3.26                                   | 3.14                             | 15.91                            | -114.4                                      | Clear          | N/A          | N           |
| AMW3                   | 5/20/2014 13:45      |  | 51.33                           | 0.02                      |                                   | 0.500                                       | 6.75                                   | 0.912                                       | 3.23                                   | 3.06                             | 15.80                            | -112.9                                      | Clear          | N/A          | N           |
| AMW3                   | 5/20/2014 13:50      |  | 51.33                           | 0.02                      |                                   | 0.500                                       | 6.77                                   | 0.913                                       | 2.98                                   | 3.03                             | 15.81                            | -113.6                                      | Clear          | N/A          | N           |

TABLE 4

**SUMMARY OF MONITORING WELL PURGING PARAMETERS**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Sample Location</b>                                   | <b>Date and Time</b> | <b>Static</b>                                      |  | <b>Bailed Wells</b>              |  |   |  |   |  |  |  |   |       | <b>Clarity</b> | <b>Color</b> | <b>Odor</b> |
|--|----------------------|--|--|----------------------------------|--|---|--|---|--|--|--|---|-------|----------------|--------------|-------------|
|  |                      | <b>Water Level</b><br><b>(ft BTOC)<sup>1</sup></b> | <b>Water Level</b><br><b>(ft BTOC)</b> | <b>Drawdown</b><br><b>(Feet)</b> | <b>Volume Purged</b><br><b>(Gallons)</b> | <b>Pumping Rate</b><br><b>(L/min)<sup>2</sup></b> | <b>pH</b><br><b>(Std. Units)<sup>3</sup></b> | <b>Conductivity</b><br><b>(mS/cm)<sup>4</sup></b> | <b>Turbidity</b><br><b>(NTU)<sup>5</sup></b> | <b>DO</b><br><b>(mg/L)<sup>6</sup></b> | <b>Temp</b><br><b>(°C)<sup>7</sup></b> | <b>ORP<sup>8</sup></b><br><b>(mV)<sup>9</sup></b> |       |                |              |             |
| AMW4D  | 5/11/2014 10:35      | 51.04  | 51.05                                  | 0.01                             |  | 0.600   | 6.88   | 0.921   | 1.00   | 2.88                                   | 16.92                                  | 26.7  | Clear | N/A            | N            |             |
| AMW4D  | 5/11/2014 10:40      |  | 51.05                                  | 0.01                             |  | 0.600   | 6.86   | 0.916   | 0.63   | 1.52                                   | 16.87                                  | 34.3  | Clear | N/A            | N            |             |
| AMW4D  | 5/11/2014 10:45      |  | 51.05                                  | 0.01                             |  | 0.600   | 6.85   | 0.916   | 0.24   | 1.42                                   | 16.92                                  | 37.3  | Clear | N/A            | N            |             |
| AMW4D  | 5/11/2014 10:50      |  | 51.05                                  | 0.01                             |  | 0.600   | 6.85   | 0.917   | 0.27   | 1.46                                   | 16.88                                  | 40.7  | Clear | N/A            | N            |             |
| AMW4S  | 5/11/2014 11:10      | 50.94  | 50.96                                  | 0.02                             |  | 1.000   | 6.68   | 1.110   | 0.27   | 7.33                                   | 16.69                                  | 88.0  | Clear | N/A            | N            |             |
| AMW4S  | 5/11/2014 11:15      |  | 50.97                                  | 0.03                             |  | 1.000   | 6.68   | 1.109   | 0.22   | 5.72                                   | 16.67                                  | 89.3  | Clear | N/A            | N            |             |
| AMW4S  | 5/11/2014 11:20      |  | 50.97                                  | 0.03                             |  | 1.000   | 6.68   | 1.105   | 0.34   | 5.13                                   | 16.65                                  | 92.3  | Clear | N/A            | N            |             |
| AMW4S  | 5/11/2014 11:25      |  | 50.97                                  | 0.03                             |  | 1.000   | 6.67   | 1.105   | 0.83   | 5.08                                   | 16.69                                  | 95.4  | Clear | N/A            | N            |             |
| AMW4S  | 5/11/2014 11:30      |  | 50.97                                  | 0.03                             |  | 1.000   | 6.66   | 1.102   | 0.93   | 5.17                                   | 16.67                                  | 99.0  | Clear | N/A            | N            |             |
| AMW5D  | 5/8/2014 9:55        | 50.25  | 50.25                                  | 0.00                             |  | 0.550   | 6.78   | 1.077   | 0.76   | 9.90                                   | 15.98                                  | -97.7   | Clear | N/A            | N            |             |
| AMW5D  | 5/8/2014 10:00       |  | 50.25                                  | 0.00                             |  | 0.550   | 6.78   | 1.078   | 1.64   | 11.31                                  | 16.02                                  | -99.9   | Clear | N/A            | Y            |             |
| AMW5D  | 5/8/2014 10:05       |  | 50.25                                  | 0.00                             |  | 0.550   | 6.78   | 1.078   | 1.43   | 9.42                                   | 16.02                                  | -100.2  | Clear | N/A            | Y            |             |
| Air bubbles in flow-through cell. DO will not stabilize. |                      |  |  |                                  |  |   |  |   |  |  |  |   |       |                |              |             |
| AMW5S  | 5/8/2014 9:20        | 50.20  | 50.24                                  | 0.04                             |  | 0.500   | 6.78   | 1.195   | 1.80   | 7.47                                   | 16.13                                  | -114.0  | Clear | N/A            | N            |             |
| AMW5S  | 5/8/2014 9:25        |  | 50.24                                  | 0.04                             |  | 0.500   | 6.79   | 1.195   | 0.69   | 8.82                                   | 16.14                                  | -117.3  | Clear | N/A            | N            |             |
| AMW5S  | 5/8/2014 9:30        |  | 50.24                                  | 0.04                             |  | 0.500   | 6.79   | 1.195   | 0.63   | 7.72                                   | 16.18                                  | -119.7  | Clear | N/A            | N            |             |
| Air bubbles in flow-through cell. DO will not stabilize. |                      |  |  |                                  |  |   |  |   |  |  |  |   |       |                |              |             |
| AMW8D  | 5/11/2014 13:15      | 49.90  | 49.91                                  | 0.01                             |  | 0.400   | 6.81   | 0.971   | 1.25   | 1.69                                   | 16.74                                  | -88.8   | Clear | N/A            | N            |             |
| AMW8D  | 5/11/2014 13:20      |  | 49.91                                  | 0.01                             |  | 0.400   | 6.81   | 0.977   | 1.24   | 1.31                                   | 16.66                                  | -93.5   | Clear | N/A            | N            |             |
| AMW8D  | 5/11/2014 13:25      |  | 49.91                                  | 0.01                             |  | 0.400   | 6.82   | 0.976   | 0.53   | 1.08                                   | 16.60                                  | -96.3   | Clear | N/A            | N            |             |
| AMW8D  | 5/11/2014 13:30      |  | 49.91                                  | 0.01                             |  | 0.500   | 6.82   | 0.974   | 0.83   | 1.16                                   | 16.65                                  | -93.9   | Clear | N/A            | N            |             |
| AMW8D  | 5/11/2014 13:35      |  | 49.91                                  | 0.01                             |  | 0.500   | 6.84   | 0.968   | 1.09   | 1.25                                   | 16.64                                  | -84.2   | Clear | N/A            | N            |             |

TABLE 4

**SUMMARY OF MONITORING WELL PURGING PARAMETERS**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Sample Location</b>            | <b>Date and Time</b> | <b>Static</b>                                |                                 | <b>Bailed Wells</b>       |                                   | <b>Pumping Rate</b><br>(L/min) <sup>2</sup> | <b>pH</b><br>(Std. Units) <sup>3</sup> | <b>Conductivity</b><br>(mS/cm) <sup>4</sup> | <b>Turbidity</b><br>(NTU) <sup>5</sup> | <b>DO</b><br>(mg/L) <sup>6</sup> | <b>Temp</b><br>(°C) <sup>7</sup> | <b>ORP<sup>8</sup></b><br>(mV) <sup>9</sup> | <b>Clarity</b> | <b>Color</b> | <b>Odor</b>    |
|-----------------------------------|----------------------|--|---------------------------------|---------------------------|-----------------------------------|---|--|---|--|----------------------------------|----------------------------------|---|----------------|--------------|----------------|
|                                   |                      | <b>Water Level</b><br>(ft BTOC) <sup>1</sup> | <b>Water Level</b><br>(ft BTOC) | <b>Drawdown</b><br>(Feet) | <b>Volume Purged</b><br>(Gallons) |   |  |   |  |                                  |                                  |   |                |              |                |
| AMW8S                             | 5/11/2014 13:50      | 49.86  | 49.86                           | 0.00                      |                                   | 0.500                                       | 6.78                                   | 1.086                                       | 34.0                                   | 0.79                             | 16.84                            | -75.5                                       | Clear          | N/A          | Y              |
| AMW8S                             | 5/11/2014 13:55      |  | 49.86                           | 0.00                      |                                   | 0.500                                       | 6.87                                   | 0.971                                       | 43.7                                   | 0.60                             | 16.52                            | -85.0                                       | Clear          | N/A          | Y              |
| AMW8S                             | 5/11/2014 14:00      |  | 49.86                           | 0.00                      |                                   | 0.500                                       | 6.85                                   | 0.908                                       | 50.4                                   | 1.19                             | 16.58                            | -75.5                                       | Clear          | N/A          | Y              |
| AMW8S                             | 5/11/2014 14:05      |  | 49.86                           | 0.00                      |                                   | 0.500                                       | 6.86                                   | 0.908                                       | 40.9                                   | 2.72                             | 16.56                            | -61.6                                       | Clear          | N/A          | Y              |
| AMW8S                             | 5/11/2014 14:10      |  | 49.86                           | 0.00                      |                                   | 0.500                                       | 6.86                                   | 0.914                                       | 31.6                                   | 4.11                             | 16.53                            | -55.3                                       | Clear          | N/A          | Y              |
| AMW8S                             | 5/11/2014 14:15      |  | 49.86                           | 0.00                      |                                   | 0.500                                       | 6.87                                   | 0.921                                       | 25.8                                   | 5.79                             | 16.56                            | -51.6                                       | Clear          | N/A          | Y              |
| AMW8S                             | 5/11/2014 14:20      |  | 49.86                           | 0.00                      |                                   | 0.500                                       | 6.87                                   | 0.925                                       | 23.2                                   | 6.52                             | 16.55                            | -51.8                                       | Clear          | N/A          | Y              |
| AMW8S                             | 5/11/2014 14:25      |  | 49.86                           | 0.00                      |                                   | 0.500                                       | 6.88                                   | 0.928                                       | 20.1                                   | 7.20                             | 16.59                            | -52.0                                       | Clear          | N/A          | Y              |
| AMW8S                             | 5/11/2014 14:30      |  | 49.86                           | 0.00                      |                                   | 0.500                                       | 6.88                                   | 0.931                                       | 18.1                                   | 7.34                             | 16.53                            | -52.7                                       | Clear          | N/A          | Y              |
| AMW8S                             | 5/11/2014 14:35      |  | 49.86                           | 0.00                      |                                   | 0.500                                       | 6.89                                   | 0.933                                       | 17.7                                   | 7.60                             | 16.58                            | -53.3                                       | Clear          | N/A          | Y              |
| AMW8S                             | 5/11/2014 14:40      |  | 49.86                           | 0.00                      |                                   | 0.500                                       | 6.89                                   | 0.933                                       | 14.6                                   | 7.91                             | 16.57                            | -54.1                                       | Clear          | N/A          | Y              |
| AMW8S                             | 5/11/2014 14:45      |  | 49.86                           | 0.00                      |                                   | 0.500                                       | 6.89                                   | 0.938                                       | 14.3                                   | 7.68                             | 16.61                            | -54.6                                       | Clear          | N/A          | Y              |
| AMW8S                             | 5/11/2014 14:50      |  | 49.86                           | 0.00                      |                                   | 0.500                                       | 6.90                                   | 0.939                                       | 13.8                                   | 7.99                             | 16.52                            | -55.1                                       | Clear          | N/A          | Y              |
| Air bubbles in flow-through cell. |                      |  |                                 |                           |                                   |   |  |   |  |                                  |                                  |   |                |              |                |
| APMW302S1                         | 5/10/2014 16:45      | 49.85  | 49.85                           | 0.00                      |                                   | 0.500                                       | 6.92                                   | 0.933                                       | 3.20                                   | 3.10                             | 17.27                            | -152.8                                      | Clear          | N/A          | Y, sulfur odor |
| APMW302S1                         | 5/10/2014 16:50      |  | 49.85                           | 0.00                      |                                   | 0.500                                       | 7.02                                   | 0.913                                       | 6.20                                   | 2.17                             | 16.81                            | -158.7                                      | Clear          | N/A          | Y, sulfur odor |
| APMW302S1                         | 5/10/2014 16:55      |  | 49.85                           | 0.00                      |                                   | 0.500                                       | 7.03                                   | 0.904                                       | 6.23                                   | 2.22                             | 16.75                            | -151.1                                      | Clear          | N/A          | Y, sulfur odor |
| APMW302S1                         | 5/10/2014 17:00      |  | 49.85                           | 0.00                      |                                   | 0.500                                       | 7.04                                   | 0.895                                       | 2.71                                   | 2.53                             | 16.60                            | -137.1                                      | Clear          | N/A          | Y, sulfur odor |
| APMW302S1                         | 5/10/2014 17:05      |  | 49.85                           | 0.00                      |                                   | 0.500                                       | 7.05                                   | 0.894                                       | 2.37                                   | 2.74                             | 16.69                            | -126.8                                      | Clear          | N/A          | Y, sulfur odor |
| APMW302S1                         | 5/10/2014 17:10      |  | 49.85                           | 0.00                      |                                   | 0.500                                       | 7.05                                   | 0.893                                       | 1.92                                   | 2.80                             | 16.67                            | -125.3                                      | Clear          | N/A          | Y, sulfur odor |
| Air bubbles in flow-through cell. |                      |  |                                 |                           |                                   |   |  |   |  |                                  |                                  |   |                |              |                |
| APMW302S2                         | 5/10/2014 16:10      | 49.94  | 49.97                           | 0.03                      |                                   | 0.400                                       | 6.92                                   | 0.870                                       | 11.6                                   | 4.05                             | 16.91                            | 182.2                                       | Clear          | N/A          | N              |
| APMW302S2                         | 5/10/2014 16:15      |  | 49.97                           | 0.03                      |                                   | 0.400                                       | 6.99                                   | 0.877                                       | 5.41                                   | 4.22                             | 16.80                            | 182.9                                       | Clear          | N/A          | N              |
| APMW302S2                         | 5/10/2014 16:20      |  | 49.97                           | 0.03                      |                                   | 0.400                                       | 7.01                                   | 0.871                                       | 2.07                                   | 4.08                             | 16.73                            | 184.3                                       | Clear          | N/A          | N              |
| APMW302S2                         | 5/10/2014 16:25      |  | 49.97                           | 0.03                      |                                   | 0.400                                       | 7.00                                   | 0.873                                       | 2.12                                   | 4.16                             | 16.80                            | 185.2                                       | Clear          | N/A          | N              |
| APMW302S3                         | 5/10/2014 15:20      | 49.65  | 49.69                           | 0.04                      |                                   | 0.400                                       | 7.15                                   | 0.932                                       | 31.6                                   | 7.37                             | 18.87                            | 158.7                                       | Clear          | N/A          | N              |
| APMW302S3                         | 5/10/2014 15:25      |  | 49.69                           | 0.04                      |                                   | 0.400                                       | 7.18                                   | 0.881                                       | 15.9                                   | 6.98                             | 17.72                            | 164.8                                       | Clear          | N/A          | N              |
| APMW302S3                         | 5/10/2014 15:30      |  | 49.71                           | 0.06                      |                                   | 0.400                                       | 7.19                                   | 0.873                                       | 5.04                                   | 6.96                             | 17.46                            | 168.5                                       | Clear          | N/A          | N              |
| APMW302S3                         | 5/10/2014 15:35      |  | 49.74                           | 0.09                      |                                   | 0.400                                       | 7.20                                   | 0.869                                       | 30.4                                   | 7.01                             | 17.30                            | 171.8                                       | Clear          | N/A          | N              |
| APMW302S3                         | 5/10/2014 15:40      |  | 49.75                           | 0.10                      |                                   | 0.400                                       | 7.22                                   | 0.865                                       | 6.77                                   | 7.16                             | 17.04                            | 174.4                                       | Clear          | N/A          | N              |
| Air bubbles in flow-through cell. |                      |  |                                 |                           |                                   |   |  |   |  |                                  |                                  |   |                |              |                |

TABLE 4

**SUMMARY OF MONITORING WELL PURGING PARAMETERS**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Sample Location</b>  | <b>Date and Time</b> | <b>Static</b>                                |                                 | <b>Bailed Wells</b>       |                                   | <b>Pumping Rate</b><br>(L/min) <sup>2</sup> | <b>pH</b><br>(Std. Units) <sup>3</sup> | <b>Conductivity</b><br>(mS/cm) <sup>4</sup> | <b>Turbidity</b><br>(NTU) <sup>5</sup> | <b>DO</b><br>(mg/L) <sup>6</sup> | <b>Temp</b><br>(°C) <sup>7</sup> | <b>ORP</b> <sup>8</sup><br>(mV) <sup>9</sup> | <b>Clarity</b>  | <b>Color</b> | <b>Odor</b> |
|---|----------------------|--|---------------------------------|---------------------------|-----------------------------------|---|--|---|--|----------------------------------|----------------------------------|--|-----------------|--------------|-------------|
|   |                      | <b>Water Level</b><br>(ft BTOC) <sup>1</sup> | <b>Water Level</b><br>(ft BTOC) | <b>Drawdown</b><br>(Feet) | <b>Volume Purged</b><br>(Gallons) |   |  |   |  |                                  |                                  |  |                 |              |             |
| MW02S1  | 5/6/2014 14:55       | 56.52  | 56.52                           | 0.00                      |                                   | 0.600                                       | 6.00                                   | 1.012                                       | 18.7                                   | 2.66                             | 15.76                            | -62.3  | Clear           | N/A          | N           |
| MW02S1  | 5/6/2014 15:00       |  | 56.55                           | 0.03                      |                                   | 0.600                                       | 6.34                                   | 1.032                                       | 2.58                                   | 1.25                             | 15.62                            | -19.4  | Clear           | N/A          | N           |
| MW02S1  | 5/6/2014 15:05       |  | 56.55                           | 0.03                      |                                   | 0.600                                       | 6.65                                   | 1.029                                       | 1.29                                   | 1.12                             | 15.49                            | -17.4  | Clear           | N/A          | N           |
| MW02S1  | 5/6/2014 15:10       |  | 56.58                           | 0.06                      |                                   | 0.600                                       | 6.88                                   | 1.027                                       | 0.71                                   | 0.94                             | 15.50                            | -21.5  | Clear           | N/A          | N           |
| MW02S1  | 5/6/2014 15:15       |  | 56.58                           | 0.06                      |                                   | 0.600                                       | 6.99                                   | 1.025                                       | 0.56                                   | 0.97                             | 15.44                            | -17.0  | Clear           | N/A          | N           |
| MW02S1  | 5/6/2014 15:20       |  | 56.58                           | 0.06                      |                                   | 0.600                                       | 7.09                                   | 1.024                                       | 0.56                                   | 1.11                             | 15.37                            | -12.9  | Clear           | N/A          | N           |
| MW02S1  | 5/6/2014 15:25       |  | 56.58                           | 0.06                      |                                   | 0.600                                       | 7.14                                   | 1.024                                       | 0.35                                   | 1.00                             | 15.28                            | -12.6  | Clear           | N/A          | N           |
| MW02S2  | 5/6/2014 16:15       | 50.53  | 50.53                           | 0.00                      |                                   | 0.600                                       | 6.88                                   | 3.594                                       | 322                                    | 4.69                             | 17.56                            | -0.8   | Turbid          | Brown        | N           |
| MW02S2  | 5/6/2014 16:20       |  | 50.53                           | 0.00                      |                                   | 0.600                                       | 6.53                                   | 3.799                                       | 151                                    | 1.90                             | 16.04                            | 11.0   | Slightly Cloudy | Brown        | N           |
| MW02S2  | 5/6/2014 16:25       |  | 50.53                           | 0.00                      |                                   | 0.600                                       | 6.58                                   | 4.018                                       | 88.8                                   | 1.29                             | 15.94                            | 12.8   | Slightly Cloudy | N/A          | N           |
| MW02S2  | 5/6/2014 16:30       |  | 50.53                           | 0.00                      |                                   | 0.600                                       | 6.66                                   | 4.139                                       | 68.0                                   | 1.14                             | 15.67                            | 16.8   | Clear           | N/A          | N           |
| MW02S2  | 5/6/2014 16:35       |  | 50.53                           | 0.00                      |                                   | 0.600                                       | 6.70                                   | 4.241                                       | 47.1                                   | 1.12                             | 15.76                            | 21.3   | Clear           | N/A          | N           |
| MW02S2  | 5/6/2014 16:40       |  | 50.53                           | 0.00                      |                                   | 0.600                                       | 6.74                                   | 4.288                                       | 35.8                                   | 1.13                             | 15.70                            | 22.2   | Clear           | N/A          | N           |
| MW02S2  | 5/6/2014 16:45       |  | 50.53                           | 0.00                      |                                   | 0.600                                       | 6.73                                   | 4.301                                       | 35.8                                   | 1.15                             | 15.67                            | 27.2   | Clear           | N/A          | N           |
| MW02S2  | 5/6/2014 16:50       |  | 50.53                           | 0.00                      |                                   | 0.600                                       | 6.70                                   | 4.323                                       | 17.9                                   | 1.16                             | 15.57                            | 29.4   | Clear           | N/A          | N           |
| MW02S2  | 5/6/2014 16:55       |  | 50.53                           | 0.00                      |                                   | 0.600                                       | --                                     | 4.319                                       | 12.0                                   | 1.21                             | 15.64                            | 34.4   | Clear           | N/A          | N           |
| MW02S2  | 5/6/2014 17:00       |  | 50.53                           | 0.00                      |                                   | 0.600                                       | 6.77                                   | 4.316                                       | 9.27                                   | 1.23                             | 15.69                            | 35.8   | Clear           | N/A          | N           |
| MW03S1  | 5/8/2014 12:00       | 52.90  | 53.13                           | 0.23                      |                                   | 0.500                                       | 7.26                                   | 0.525                                       | 3.13                                   | 2.82                             | 16.64                            | -108.7                                       | Clear           | N/A          | N           |
| MW03S1  | 5/8/2014 12:05       |  | 53.14                           | 0.24                      |                                   | 0.500                                       | 7.27                                   | 0.524                                       | 0.64                                   | 2.58                             | 16.67                            | -117.4                                       | Clear           | N/A          | N           |
| MW03S1  | 5/8/2014 12:10       |  | 53.14                           | 0.24                      |                                   | 0.500                                       | 7.28                                   | 0.524                                       | 0.70                                   | 4.27                             | 16.60                            | -124.1                                       | Clear           | N/A          | N           |
| MW03S1  | 5/8/2014 12:15       |  | 53.14                           | 0.24                      |                                   | 0.500                                       | 7.28                                   | 0.525                                       | 0.45                                   | 5.67                             | 16.64                            | -127.5                                       | Clear           | N/A          | N           |
| MW03S1  | 5/8/2014 12:20       |  | 53.14                           | 0.24                      |                                   | 0.500                                       | 7.27                                   | 0.522                                       | 0.52                                   | 6.35                             | 16.62                            | -123.5                                       | Clear           | N/A          | N           |
| DO jumping around, will not stabilize. Potential air bubble inside DO membrane causing fluxuations. |                      |  |                                 |                           |                                   |   |  |   |  |                                  |                                  |  |                 |              |             |
| MW05S3  | 5/21/2014 8:55       | 41.28  | 41.28                           | 0.00                      |                                   | 0.600                                       | 7.24                                   | 0.761                                       | 32.5                                   | 8.88                             | 16.59                            | 38.8   | Slightly Cloudy | Tan          | N           |
| MW05S3  | 5/21/2014 9:00       |  | 41.28                           | 0.00                      |                                   | 0.600                                       | 7.26                                   | 0.742                                       | 28.6                                   | 7.17                             | 16.47                            | 39.4   | Slightly Cloudy | Tan          | N           |
| MW05S3  | 5/21/2014 9:05       |  | 41.28                           | 0.00                      |                                   | 0.600                                       | 7.33                                   | 0.740                                       | 25.4                                   | 6.27                             | 17.06                            | 46.5   | Slightly Cloudy | Tan          | N           |
| MW05S3  | 5/21/2014 9:10       |  | 41.28                           | 0.00                      |                                   | 0.600                                       | 7.30                                   | 0.739                                       | 25.5                                   | 6.35                             | 17.02                            | 49.0   | Slightly Cloudy | Tan          | N           |
| MW05S3  | 5/21/2014 9:15       |  | 41.28                           | 0.00                      |                                   | 0.600                                       | 7.28                                   | 0.741                                       | 23.1                                   | 6.32                             | 16.82                            | 52.3   | Slightly Cloudy | Tan          | N           |
| MW06S1  | 5/10/2014 14:15      | 51.30  | 51.35                           | 0.05                      |                                   | 0.700                                       | 7.96                                   | 0.552                                       | 0.93                                   | 16.19                            | 16.32                            | 111  | Clear           | N/A          | N           |
| MW06S1  | 5/10/2014 14:20      |  | 51.35                           | 0.05                      |                                   | 0.700                                       | 7.70                                   | 0.561                                       | 3.15                                   | 2.96                             | 16.45                            | -36.7  | Clear           | N/A          | N           |
| MW06S1  | 5/10/2014 14:25      |  | 51.35                           | 0.05                      |                                   | 0.700                                       | 7.55                                   | 0.560                                       | 2.56                                   | 2.41                             | 16.44                            | -29.0  | Clear           | N/A          | N           |
| MW06S1  | 5/10/2014 14:30      |  | 51.35                           | 0.05                      |                                   | 0.700                                       | 7.52                                   | 0.563                                       | 1.48                                   | 2.46                             | 16.43                            | -21.3  | Clear           | N/A          | N           |
| MW06S1  | 5/10/2014 14:35      |  | 51.35                           | 0.05                      |                                   | 0.700                                       | 7.50                                   | 0.564                                       | 1.03                                   | 2.47                             | 16.34                            | -17.7  | Clear           | N/A          | N           |

TABLE 4

**SUMMARY OF MONITORING WELL PURGING PARAMETERS**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Sample Location</b> | <b>Date and Time</b> | <b>Static</b>                                      |  | <b>Bailed Wells</b>              |  |   |  |   |  |  |  |   |                 | <b>Clarity</b> | <b>Color</b>   | <b>Odor</b> |
|------------------------|----------------------|--|--|----------------------------------|--|---|--|---|--|--|--|---|-----------------|----------------|----------------|-------------|
|                        |                      | <b>Water Level</b><br><b>(ft BTOC)<sup>1</sup></b> | <b>Water Level</b><br><b>(ft BTOC)</b> | <b>Drawdown</b><br><b>(Feet)</b> | <b>Volume Purged</b><br><b>(Gallons)</b> | <b>Pumping Rate</b><br><b>(L/min)<sup>2</sup></b> | <b>pH</b><br><b>(Std. Units)<sup>3</sup></b> | <b>Conductivity</b><br><b>(mS/cm)<sup>4</sup></b> | <b>Turbidity</b><br><b>(NTU)<sup>5</sup></b> | <b>DO</b><br><b>(mg/L)<sup>6</sup></b> | <b>Temp</b><br><b>(°C)<sup>7</sup></b> | <b>ORP<sup>8</sup></b><br><b>(mV)<sup>9</sup></b> |                 |                |                |             |
| MW06S3                 | 5/10/2014 13:45      | 49.09  | 49.13                                  | 0.04                             |  | 0.800   | 7.00   | 0.990   | 1.25   | 10.47                                  | 17.70                                  | 96.2  | Clear           | N/A            | N              |             |
| MW06S3                 | 5/10/2014 13:50      |  | 49.15                                  | 0.06                             |  | 0.800   | 6.64   | 1.025   | 0.72   | 7.95                                   | 16.30                                  | 139.9   | Clear           | N/A            | N              |             |
| MW06S3                 | 5/10/2014 13:55      |  | 49.15                                  | 0.06                             |  | 0.800   | 6.60   | 1.025   | 0.36   | 7.49                                   | 16.39                                  | 145.7   | Clear           | N/A            | N              |             |
| MW06S3                 | 5/10/2014 14:00      |  | 49.14                                  | 0.05                             |  | 0.800   | 6.55   | 1.029   | 0.33   | 7.19                                   | 16.38                                  | 147.6   | Clear           | N/A            | N              |             |
| MW06S3                 | 5/10/2014 14:05      |  | 49.15                                  | 0.06                             |  | 0.800   | 6.55   | 1.029   | 0.41   | 7.26                                   | 16.38                                  | 147.4   | Clear           | N/A            | N              |             |
| MW07S1                 | 5/13/2014 11:05      | 59.96  | 60.08                                  | 0.12                             |  | 0.275   | 7.12   | 3.231   | 4.56   | 1.22                                   | 15.36                                  | 68.0  | Clear           | N/A            | Y, slight odor |             |
| MW07S1                 | 5/13/2014 11:10      |  | 60.09                                  | 0.13                             |  | 0.275   | 7.15   | 2.777   | 4.21   | 0.58                                   | 15.28                                  | 64.4  | Clear           | N/A            | Y, slight odor |             |
| MW07S1                 | 5/13/2014 11:15      |  | 60.08                                  | 0.12                             |  | 0.275   | 7.27   | 2.842   | 4.72   | 0.50                                   | 15.36                                  | 21.7  | Clear           | N/A            | Y, slight odor |             |
| MW07S1                 | 5/13/2014 11:20      |  | 69.08                                  | 0.12                             |  | 0.275   | 7.28   | 3.027   | 6.13   | 0.46                                   | 15.28                                  | 1.2   | Clear           | N/A            | Y, slight odor |             |
| MW07S1                 | 5/13/2014 11:25      |  | 69.08                                  | 0.12                             |  | 0.275   | 7.26   | 3.274   | 46.3   | 0.49                                   | 15.45                                  | -16.3   | Slightly Cloudy | Tan            | Y, slight odor |             |
| MW07S1                 | 5/13/2014 11:30      |  | 60.07                                  | 0.11                             |  | 0.275   | 7.25   | 3.345   | 28.1   | 0.50                                   | 15.35                                  | -18.7   | Slightly Cloudy | Tan            | Y, slight odor |             |
| MW07S1                 | 5/13/2014 11:40      |  | 60.09                                  | 0.13                             |  | 0.275   | 7.21   | 3.840   | 14.3   | 0.48                                   | 15.51                                  | -20.7   | Clear           | N/A            | Y, slight odor |             |
| MW07S1                 | 5/13/2014 11:50      |  | 60.08                                  | 0.12                             |  | 0.275   | 7.22   | 4.168   | 11.62  | 0.50                                   | 15.57                                  | -20.9   | Clear           | N/A            | Y, slight odor |             |
| MW07S1                 | 5/13/2014 12:00      |  | 60.08                                  | 0.12                             |  | 0.275   | 7.25   | 4.316   | 8.52   | 0.44                                   | 15.52                                  | -20.7   | Clear           | N/A            | Y, slight odor |             |
| MW07S1                 | 5/13/2014 12:05      |  | 60.08                                  | 0.12                             |  | 0.275   | 7.22   | 4.391   | 8.11   | 0.48                                   | 15.43                                  | -20.5   | Clear           | N/A            | Y, slight odor |             |
| MW07S2                 | 5/13/2014 12:55      | 48.35  | 48.44                                  | 0.09                             |  | 0.750   | 7.36   | 1.215   | 1.51   | 6.51                                   | 15.38                                  | 8.5   | Clear           | N/A            | N              |             |
| MW07S2                 | 5/13/2014 13:00      |  | 48.44                                  | 0.09                             |  | 0.750   | 7.37   | 1.215   | 1.15   | 7.26                                   | 15.41                                  | 36.5  | Clear           | N/A            | Y, slight odor |             |
| MW07S2                 | 5/13/2014 13:05      |  | 48.44                                  | 0.09                             |  | 0.750   | 7.33   | 1.216   | 0.59   | 7.14                                   | 15.40                                  | 58.5  | Clear           | N/A            | Y, slight odor |             |
| MW07S2                 | 5/13/2014 13:10      |  | 48.44                                  | 0.09                             |  | 0.750   | 7.32   | 1.215   | 0.42   | 7.10                                   | 15.43                                  | 62.5  | Clear           | N/A            | Y, slight odor |             |
| MW07S2                 | 5/13/2014 13:15      |  | 48.44                                  | 0.09                             |  | 0.750   | 7.31   | 1.215   | 0.72   | 7.04                                   | 15.53                                  | 65.7  | Clear           | N/A            | Y, slight odor |             |
| MW07S3                 | 5/13/2014 13:40      | 48.40  | 48.40                                  | 0.00                             |  | 0.700   | 7.37   | 1.195   | 15.7   | 5.62                                   | 15.40                                  | 57.8  | Clear           | N/A            | Y, slight odor |             |
| MW07S3                 | 5/13/2014 13:45      |  | 48.40                                  | 0.00                             |  | 0.700   | 7.37   | 1.189   | 5.11   | 5.37                                   | 15.14                                  | 55.8  | Clear           | N/A            | Y, slight odor |             |
| MW07S3                 | 5/13/2014 13:50      |  | 48.40                                  | 0.00                             |  | 0.700   | 7.35   | 1.165   | 2.96   | 5.51                                   | 15.19                                  | 48.7  | Clear           | N/A            | Y, slight odor |             |
| MW07S3                 | 5/13/2014 13:55      |  | 48.40                                  | 0.00                             |  | 0.700   | 7.33   | 1.165   | 1.34   | 6.00                                   | 15.13                                  | 51.2  | Clear           | N/A            | Y, slight odor |             |
| MW07S3                 | 5/13/2014 14:00      |  | 48.40                                  | 0.00                             |  | 0.700   | 7.35   | 1.165   | 1.12   | 6.04                                   | 15.12                                  | 44.2  | Clear           | N/A            | Y, slight odor |             |
| MW08S1                 | 5/11/2014 10:30      | 49.54  | 49.90                                  | 0.36                             |  | 0.600   | 8.43   | 5.888   | 2.96   | 1.57                                   | 15.87                                  | -191.5  | Clear           | N/A            | Y, strong odor |             |
| MW08S1                 | 5/11/2014 10:35      |  | 49.90                                  | 0.36                             |  | 0.600   | 7.95   | 5.003   | 12.6   | 0.43                                   | 15.79                                  | -151.4  | Clear           | Black          | Y, strong odor |             |
| MW08S1                 | 5/11/2014 10:45      |  | 49.90                                  | 0.36                             |  | 0.600   | 7.28   | 4.399   | 2.99   | 0.20                                   | 15.70                                  | -65.5   | Clear           | N/A            | Y, strong odor |             |
| MW08S1                 | 5/11/2014 10:50      |  | 49.90                                  | 0.36                             |  | 0.600   | 7.21   | 4.396   | 3.08   | 0.19                                   | 15.72                                  | -62.3   | Clear           | N/A            | Y, strong odor |             |
| MW08S1                 | 5/11/2014 10:55      |  | 49.91                                  | 0.37                             |  | 0.600   | 7.22   | 4.395   | 4.26   | 0.18                                   | 15.70                                  | -57.7   | Clear           | N/A            | Y, strong odor |             |

TABLE 4

**SUMMARY OF MONITORING WELL PURGING PARAMETERS**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <i>Sample Location</i> | <i>Date and Time</i> | <i>Static</i>                                |                                 | <i>Bailed Wells</i>       | <i>Volume Purged</i><br>(Gallons) | <i>Pumping Rate</i><br>(L/min) <sup>2</sup> | <i>pH</i><br>(Std. Units) <sup>3</sup> | <i>Conductivity</i><br>(mS/cm) <sup>4</sup> | <i>Turbidity</i><br>(NTU) <sup>5</sup> | <i>DO</i><br>(mg/L) <sup>6</sup> | <i>Temp</i><br>(°C) <sup>7</sup> | <i>ORP</i> <sup>8</sup><br>(mV) <sup>9</sup> | <i>Clarity</i>  | <i>Color</i> | <i>Odor</i>    |
|------------------------|----------------------|--|---------------------------------|---------------------------|-----------------------------------|---|--|---|--|----------------------------------|----------------------------------|--|-----------------|--------------|----------------|
|                        |                      | <i>Water Level</i><br>(ft BTOC) <sup>1</sup> | <i>Water Level</i><br>(ft BTOC) | <i>Drawdown</i><br>(Feet) |                                   |   |  |   |  |                                  |                                  |  |                 |              |                |
| MW08S2                 | 5/11/2014 9:15       | 48.79  | 48.90                           | 0.11                      |                                   | 0.750                                       | 7.09                                   | 2.501                                       | 26.7                                   | 30.6                             | 15.85                            | 45.5   | Slightly Cloudy | Orange       | Y, slight odor |
| MW08S2                 | 5/11/2014 9:20       |  | 48.90                           | 0.11                      |                                   | 0.750                                       | 7.28                                   | 2.512                                       | 36.8                                   | 2.33                             | 15.70                            | 60.5   | Slightly Cloudy | Orange       | Y, slight odor |
| MW08S2                 | 5/11/2014 9:25       |  | 48.91                           | 0.12                      |                                   | 0.750                                       | 7.29                                   | 2.513                                       | 58.2                                   | 2.44                             | 15.70                            | 57.2   | Slightly Cloudy | Orange       | Y, slight odor |
| MW08S2                 | 5/11/2014 9:30       |  | 48.92                           | 0.13                      |                                   | 0.750                                       | 7.27                                   | 2.493                                       | 193                                    | 3.46                             | 15.68                            | 55.7   | Turbid          | Orange       | Y, slight odor |
| MW08S2                 | 5/11/2014 9:35       |  | 48.95                           | 0.16                      |                                   | 0.750                                       | 7.29                                   | 2.463                                       | 209                                    | 5.29                             | 15.63                            | 55.0   | Turbid          | Orange       | Y, slight odor |
| MW08S2                 | 5/11/2014 9:40       |  | 48.92                           | 0.13                      |                                   | 0.750                                       | 7.28                                   | 2.462                                       | 214                                    | 5.33                             | 15.68                            | 55.5   | Turbid          | Orange       | Y, slight odor |
| MW08S2                 | 5/11/2014 9:45       |  | 48.93                           | 0.14                      |                                   | 0.750                                       | 7.28                                   | 2.459                                       | 212                                    | 5.42                             | 15.64                            | 55.9   | Turbid          | Orange       | Y, slight odor |
| MW08S3                 | 5/11/2014 11:15      | 48.20  | 48.21                           | 0.01                      |                                   | 0.800                                       | 6.99                                   | 2.358                                       | 0.91                                   | 3.56                             | 16.03                            | 25.3   | Clear           | N/A          | Y, slight odor |
| MW08S3                 | 5/11/2014 11:20      |  | 48.21                           | 0.01                      |                                   | 0.800                                       | 6.99                                   | 2.243                                       | 0.69                                   | 4.07                             | 16.21                            | 28.1   | Clear           | N/A          | Y, slight odor |
| MW08S3                 | 5/11/2014 11:25      |  | 48.22                           | 0.02                      |                                   | 0.800                                       | 6.98                                   | 2.239                                       | 0.21                                   | 4.31                             | 16.23                            | 30.7   | Clear           | N/A          | Y, slight odor |
| MW08S3                 | 5/11/2014 11:30      |  | 48.21                           | 0.01                      |                                   | 0.800                                       | 6.98                                   | 2.240                                       | 0.23                                   | 4.25                             | 16.25                            | 32.1   | Clear           | N/A          | Y, slight odor |
| MW09S1                 | 5/12/2014 9:20       | 58.98  | 59.00                           | 0.02                      |                                   | 0.500                                       | 7.18                                   | 1.504                                       | 1.34                                   | 0.69                             | 14.90                            | -258.9                                       | Clear           | N/A          | Y              |
| MW09S1                 | 5/12/2014 9:25       |  | 59.00                           | 0.02                      |                                   | 0.500                                       | 7.12                                   | 1.613                                       | 0.30                                   | 0.59                             | 14.85                            | -257.5                                       | Clear           | N/A          | Y              |
| MW09S1                 | 5/12/2014 9:30       |  | 59.00                           | 0.02                      |                                   | 0.500                                       | 7.09                                   | 1.656                                       | 0.42                                   | 0.51                             | 14.88                            | -247.6                                       | Clear           | N/A          | Y              |
| MW09S1                 | 5/12/2014 9:35       |  | 59.00                           | 0.02                      |                                   | 0.500                                       | 7.06                                   | 1.669                                       | 0.51                                   | 0.49                             | 14.97                            | -224.1                                       | Clear           | N/A          | Y              |
| MW09S1                 | 5/12/2014 9:40       |  | 59.00                           | 0.02                      |                                   | 0.500                                       | 7.04                                   | 1.676                                       | 0.46                                   | 0.55                             | 14.96                            | -242.2                                       | Clear           | N/A          | Y              |
| MW09S1                 | 5/12/2014 9:45       |  | 59.00                           | 0.02                      |                                   | 0.500                                       | 7.03                                   | 1.687                                       | 0.49                                   | 0.47                             | 14.98                            | -240.2                                       | Clear           | N/A          | Y              |
| MW09S1                 | 5/12/2014 9:50       |  | 59.00                           | 0.02                      |                                   | 0.500                                       | 7.01                                   | 1.696                                       | 0.53                                   | 0.44                             | 14.95                            | -239.1                                       | Clear           | N/A          | Y              |
| MW09S3                 | 5/12/2014 8:35       | 49.48  | 50.00                           | 0.02                      |                                   | 0.600                                       | 6.81                                   | 0.705                                       | 1.41                                   | 1.30                             | 14.97                            | 170.6  | Clear           | N/A          | N              |
| MW09S3                 | 5/12/2014 8:40       |  | 50.00                           | 0.02                      |                                   | 0.600                                       | 6.81                                   | 0.701                                       | 0.62                                   | 1.12                             | 15.04                            | 165.3  | Clear           | N/A          | N              |
| MW09S3                 | 5/12/2014 8:45       |  | 50.00                           | 0.02                      |                                   | 0.600                                       | 6.84                                   | 0.691                                       | 1.70                                   | 1.09                             | 15.06                            | 163.5  | Clear           | N/A          | N              |
| MW09S3                 | 5/12/2014 8:50       |  | 50.00                           | 0.02                      |                                   | 0.600                                       | 6.85                                   | 0.684                                       | 1.84                                   | 1.01                             | 15.08                            | 163.4  | Clear           | N/A          | N              |
| MW09S3                 | 5/12/2014 8:55       |  | 50.00                           | 0.02                      |                                   | 0.600                                       | 6.85                                   | 0.682                                       | 1.37                                   | 1.02                             | 15.08                            | 162.9  | Clear           | N/A          | N              |
| MW10S1                 | 5/8/2014 14:20       | 40.98  | 41.02                           | 0.04                      |                                   | 0.750                                       | 7.38                                   | 1.062                                       | 10.7                                   | 7.22                             | 16.90                            | 51.4   | Clear           | N/A          | N              |
| MW10S1                 | 5/8/2014 14:25       |  | 41.01                           | 0.03                      |                                   | 0.750                                       | 7.36                                   | 1.087                                       | 162                                    | 4.61                             | 16.61                            | 49.1   | Turbid          | Tan          | N              |
| MW10S1                 | 5/8/2014 14:30       |  | 40.99                           | 0.01                      |                                   | 0.750                                       | 7.38                                   | 1.101                                       | 60.9                                   | 2.68                             | 16.62                            | 34.4   | Slightly Cloudy | Tan          | N              |
| MW10S1                 | 5/8/2014 14:35       |  | 41.03                           | 0.05                      |                                   | 0.750                                       | 7.38                                   | 1.105                                       | --                                     | 2.66                             | 16.68                            | 34.2   | Slightly Cloudy | Tan          | N              |
| MW10S1                 | 5/8/2014 14:40       |  | 41.02                           | 0.04                      |                                   | 0.750                                       | 7.39                                   | 1.109                                       | 17.9                                   | 2.70                             | 16.71                            | 34.3   | Clear           | N/A          | N              |
| MW10S1                 | 5/8/2014 14:45       |  | 41.00                           | 0.02                      |                                   | 0.750                                       | 7.41                                   | 1.110                                       | 9.51                                   | 2.72                             | 16.52                            | 34.8   | Clear           | N/A          | N              |
| MW10S1                 | 5/8/2014 14:50       |  | 41.01                           | 0.03                      |                                   | 0.750                                       | 7.40                                   | 1.111                                       | 7.89                                   | 2.70                             | 16.50                            | 34.5   | Clear           | N/A          | N              |

TABLE 4

**SUMMARY OF MONITORING WELL PURGING PARAMETERS**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Sample Location</b> | <b>Date and Time</b> | <b>Static</b>                                      |  | <b>Bailed Wells</b>              |  |   |  |   |  |  |  |   |                 | <b>Clarity</b>      | <b>Color</b>   | <b>Odor</b> |
|------------------------|----------------------|--|--|----------------------------------|--|---|--|---|--|--|--|---|-----------------|---------------------|----------------|-------------|
|                        |                      | <b>Water Level</b><br><b>(ft BTOC)<sup>1</sup></b> | <b>Water Level</b><br><b>(ft BTOC)</b> | <b>Drawdown</b><br><b>(Feet)</b> | <b>Volume Purged</b><br><b>(Gallons)</b> | <b>Pumping Rate</b><br><b>(L/min)<sup>2</sup></b> | <b>pH</b><br><b>(Std. Units)<sup>3</sup></b> | <b>Conductivity</b><br><b>(mS/cm)<sup>4</sup></b> | <b>Turbidity</b><br><b>(NTU)<sup>5</sup></b> | <b>DO</b><br><b>(mg/L)<sup>6</sup></b> | <b>Temp</b><br><b>(°C)<sup>7</sup></b> | <b>ORP<sup>8</sup></b><br><b>(mV)<sup>9</sup></b> |                 |                     |                |             |
| MW10S2                 | 5/8/2014 13:40       | 40.06  | 40.06                                  | 0.00                             |  | 0.800   | 7.56   | 0.903   | 141  | 6.31                                   | 16.65                                  | 18.0  | Slightly Cloudy | Brown               | N              |             |
| MW10S2                 | 5/8/2014 13:45       |  | 40.10                                  | 0.04                             |  | 0.800   | 7.45   | 0.912   | 49.3   | 6.45                                   | 16.39                                  | 29.0  | Slightly Cloudy | Brown               | N              |             |
| MW10S2                 | 5/8/2014 13:50       |  | 40.10                                  | 0.04                             |  | 0.800   | 7.38   | 0.919   | 36.7   | 6.49                                   | 16.32                                  | 20.2  | Slightly Cloudy | Tan                 | N              |             |
| MW10S2                 | 5/8/2014 13:55       |  | 40.11                                  | 0.05                             |  | 0.800   | 7.33   | 0.919   | 19.6   | 6.49                                   | 16.52                                  | 20.5  | Clear           | Tan                 | N              |             |
| MW10S2                 | 5/8/2014 14:00       |  | 40.11                                  | 0.05                             |  | 0.800   | 7.28   | 0.922   | 9.24   | 6.52                                   | 16.55                                  | 21.7  | Clear           | Tan                 | N              |             |
| MW10S3                 | 5/8/2014 15:20       | 39.26  | 39.30                                  | 0.04                             |  | 0.250   | 7.09   | 0.736   | 9.6  | 7.02                                   | 17.25                                  | -123.2  | Clear           | Yellow              | Y, strong odor |             |
| MW10S3                 | 5/8/2014 15:25       |  | 39.74                                  | 0.48                             |  | 0.250   | 7.12   | 0.728   | 10.3   | 1.40                                   | 17.12                                  | -133.8  | Clear           | Yellow              | Y, strong odor |             |
| MW10S3                 | 5/8/2014 15:30       |  | 39.90                                  | 0.64                             |  | 0.250   | 7.06   | 0.735   | 12.2   | 0.33                                   | 18.24                                  | -138.8  | Clear           | Yellow              | Y, strong odor |             |
| MW10S3                 | 5/8/2014 15:35       |  | 40.17                                  | 0.91                             |  | 0.250   | 7.05   | 0.733   | 10.6   | 0.29                                   | 18.13                                  | -140.0  | Clear           | Yellow              | Y, strong odor |             |
| MW10S3                 | 5/8/2014 15:40       |  | 40.19                                  | 0.93                             |  | 0.250   | 7.07   | 0.733   | 9.3  | 0.26                                   | 17.95                                  | -139.8  | Clear           | Yellow              | Y, strong odor |             |
| Strong sulfur odor.    |                      |  |  |                                  |  |   |  |   |  |  |  |   |                 |                     |                |             |
| MW11S3                 | 5/12/2014 15:45      | 53.22  | 53.23                                  | 0.01                             |  | 0.750   | 10.02  | 21.33   | 1.43   | 0.60                                   | 18.06                                  | -23.4   | Clear           | Orange              | Y, strong odor |             |
| MW11S3                 | 5/12/2014 16:00      |  | 53.24                                  | 0.02                             |  | 0.750   | 10.02  | 21.05   | 2.77   | 0.30                                   | 18.21                                  | -27.0   | Clear           | Orange              | Y, strong odor |             |
| MW11S3                 | 5/12/2014 16:05      |  | 53.23                                  | 0.01                             |  | 0.750   | 9.94   | 21.04   | 2.03   | 0.28                                   | 18.07                                  | -24.2   | Clear           | Orange              | Y, strong odor |             |
| MW11S3                 | 5/12/2014 16:10      |  | 53.23                                  | 0.01                             |  | 0.750   | 9.94   | 21.04   | 1.95   | 0.28                                   | 18.09                                  | -24.0   | Clear           | Orange              | Y, strong odor |             |
| MW11S1                 | 5/12/2014 14:55      | 61.13  | 61.14                                  | 0.01                             |  | 0.775   | 7.51   | 4.370   | 2.76   | 3.99                                   | 17.35                                  | -41.2   | Clear           | N/A                 | Y, slight odor |             |
| MW11S1                 | 5/12/2014 15:00      |  | 61.15                                  | 0.02                             |  | 0.775   | 7.51   | 4.352   | 1.89   | 1.79                                   | 17.35                                  | -39.0   | Clear           | N/A                 | Y, slight odor |             |
| MW11S1                 | 5/12/2014 15:05      |  | 61.15                                  | 0.02                             |  | 0.775   | 7.56   | 4.152   | 1.03   | 0.45                                   | 17.36                                  | -37.2   | Clear           | N/A                 | Y, slight odor |             |
| MW11S1                 | 5/12/2014 15:10      |  | 61.15                                  | 0.02                             |  | 0.775   | 7.56   | 4.151   | 1.05   | 0.37                                   | 17.29                                  | -38.3   | Clear           | N/A                 | Y, slight odor |             |
| MW11S1                 | 5/12/2014 15:15      |  | 61.14                                  | 0.01                             |  | 0.775   | 7.58   | 4.152   | 1.16   | 0.39                                   | 17.27                                  | -39.9   | Clear           | N/A                 | Y, slight odor |             |
| MW11S1                 | 5/7/2014 9:15        | 29.29  | 29.30                                  | 0.01                             |  | 0.550   | 7.50   | 1.686   | 44.8   | 7.74                                   | 18.76                                  | -12.0   | Cloudy          | Light Brown         | Y              |             |
| MW11S1                 | 5/7/2014 9:20        |  | 29.30                                  | 0.01                             |  | 0.550   | 7.50   | 1.921   | 195  | 1.14                                   | 16.57                                  | -4.3  | Foggy           | Light brownish red  | Y              |             |
| MW11S1                 | 5/7/2014 9:25        |  | 29.29                                  | 0.00                             |  | 0.550   | 7.51   | 1.801   | 71.6   | 0.72                                   | 16.46                                  | 1.2   | Foggy           | Light reddish brown | Y              |             |
| MW11S1                 | 5/7/2014 9:35        |  | 29.29                                  | 0.00                             |  | 0.550   | 7.52   | 1.760   | 71.3   | 0.58                                   | 16.40                                  | 3.3   | Slightly cloudy | Light brown         | Y              |             |
| MW11S1                 | 5/7/2014 9:40        |  | 29.29                                  | 0.00                             |  | 0.550   | 7.52   | 1.745   | 50.7   | 0.53                                   | 16.44                                  | 3.6   | Mostly clear    | Light brown         | Y              |             |
| MW11S1                 | 5/7/2014 9:45        |  | 29.29                                  | 0.00                             |  | 0.550   | 7.53   | 1.738   | 29.3   | 0.49                                   | 16.50                                  | 3.0   | Mostly clear    | Light brown         | Y              |             |
| MW11S1                 | 5/7/2014 9:50        |  | 29.29                                  | 0.00                             |  | 0.550   | 7.54   | 1.737   | 14.3   | 0.47                                   | 16.49                                  | 2.7   | Clear           | Light brown         | Y              |             |
| MW11S1                 | 5/7/2014 9:55        |  | 29.29                                  | 0.00                             |  | 0.550   | 7.54   | 1.735   | 7.3  | 0.48                                   | 16.54                                  | 3.2   | Clear           | N/A                 | Y              |             |
| Slight chloride odor.  |                      |  |  |                                  |  |   |  |   |  |  |  |   |                 |                     |                |             |

TABLE 4

**SUMMARY OF MONITORING WELL PURGING PARAMETERS**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Sample Location</b>  | <b>Date and Time</b> | <b>Static</b>                                |                                 | <b>Bailed Wells</b>       |                                   | <b>Pumping Rate</b><br>(L/min) <sup>2</sup> | <b>pH</b><br>(Std. Units) <sup>3</sup> | <b>Conductivity</b><br>(mS/cm) <sup>4</sup> | <b>Turbidity</b><br>(NTU) <sup>5</sup> | <b>DO</b><br>(mg/L) <sup>6</sup> | <b>Temp</b><br>(°C) <sup>7</sup> | <b>ORP<sup>8</sup></b><br>(mV) <sup>9</sup> | <b>Clarity</b>  | <b>Color</b> | <b>Odor</b> |
|---|----------------------|--|---------------------------------|---------------------------|-----------------------------------|---|--|---|--|----------------------------------|----------------------------------|---|-----------------|--------------|-------------|
|   |                      | <b>Water Level</b><br>(ft BTOC) <sup>1</sup> | <b>Water Level</b><br>(ft BTOC) | <b>Drawdown</b><br>(Feet) | <b>Volume Purged</b><br>(Gallons) |   |  |   |  |                                  |                                  |   |                 |              |             |
| MW11S3A   | 5/7/2014 8:15        | 30.34  | 30.34                           | 0.00                      |                                   | 0.500                                       | 7.22                                   | 0.878                                       | 0.72                                   | 5.24                             | 16.34                            | -98.7                                       | Clear           | N/A          | Y           |
| MW11S3A   | 5/7/2014 8:20        |  | 30.34                           | 0.00                      |                                   | 0.500                                       | 7.24                                   | 0.878                                       | 0.26                                   | 1.48                             | 16.21                            | -29.1                                       | Clear           | N/A          | Y           |
| MW11S3A   | 5/7/2014 8:25        |  | 30.34                           | 0.00                      |                                   | 0.500                                       | 7.31                                   | 0.879                                       | 0.23                                   | 1.39                             | 16.26                            | -8.7  | Clear           | N/A          | Y           |
| MW11S3A   | 5/7/2014 8:30        |  | 30.34                           | 0.00                      |                                   | 0.500                                       | 7.36                                   | 0.879                                       | 0.13                                   | 1.08                             | 16.35                            | 1.8   | Clear           | N/A          | Y           |
| MW11S3A   | 5/7/2014 8:35        |  | 30.34                           | 0.00                      |                                   | 0.500                                       | 7.34                                   | 0.879                                       | 0.17                                   | 1.66                             | 16.49                            | 8.0   | Clear           | N/A          | Y           |
| MW11S3A   | 5/7/2014 8:40        |  | 30.34                           | 0.00                      |                                   | 0.500                                       | 7.33                                   | 0.879                                       | 0.15                                   | 1.35                             | 16.54                            | 7.6   | Clear           | N/A          | Y           |
| Bubbles in flow-through cell due to poor tubing. DO will not stabilize. |                      |  |                                 |                           |                                   |   |  |   |  |                                  |                                  |   |                 |              |             |
| MW12S1A   | 5/20/2014 15:25      | 61.28  | 61.45                           | 0.17                      |                                   | 0.600                                       | 6.58                                   | 4.652                                       | 0.77                                   | 7.10                             | 16.59                            | -82.2                                       | Clear           | N/A          | Y           |
| MW12S1A   | 5/20/2014 15:30      |  | 61.45                           | 0.17                      |                                   | 0.600                                       | 6.54                                   | 4.583                                       | 1.07                                   | 4.79                             | 16.49                            | -89.5                                       | Clear           | N/A          | Y           |
| MW12S1A   | 5/20/2014 15:35      |  | 61.45                           | 0.17                      |                                   | 0.600                                       | 6.53                                   | 4.562                                       | 0.75                                   | 7.14                             | 16.45                            | -95.0                                       | Clear           | N/A          | Y           |
| MW12S1A   | 5/20/2014 15:40      |  | 61.45                           | 0.17                      |                                   | 0.600                                       | 6.54                                   | 4.525                                       | 0.62                                   | 6.68                             | 16.31                            | -93.4                                       | Clear           | N/A          | Y           |
| Air bubbles in flow-through cell. DO will not stabilize.                |                      |  |                                 |                           |                                   |   |  |   |  |                                  |                                  |   |                 |              |             |
| MW12S3  | 5/22/2014 9:00       | 52.32  | 52.38                           | 0.06                      |                                   | 0.500                                       | 7.14                                   | 1.288                                       | 505                                    | 3.92                             | 17.08                            | 10.3  | Turbid          | Black        | Y           |
| MW12S3  | 5/22/2014 9:05       |  | 52.38                           | 0.06                      |                                   | 0.500                                       | 7.21                                   | 1.269                                       | 408                                    | 4.14                             | 17.23                            | 12.5  | Turbid          | Black        | Y           |
| MW12S3  | 5/22/2014 9:15       |  | 52.39                           | 0.07                      |                                   | 0.500                                       | 7.16                                   | 1.248                                       | 89.2                                   | 4.94                             | 17.28                            | 23.2  | Turbid          | Black        | Y           |
| MW12S3  | 5/22/2014 9:20       |  | 52.39                           | 0.07                      |                                   | 0.500                                       | 7.17                                   | 1.223                                       | 31.9                                   | 5.49                             | 17.05                            | 37.5  | Slightly Cloudy | Grey         | Y           |
| MW12S3  | 5/22/2014 9:25       |  | 52.39                           | 0.07                      |                                   | 0.500                                       | 7.15                                   | 1.220                                       | 18.6                                   | 5.51                             | 16.92                            | 44.1  | Clear           | Grey         | Y           |
| MW12S3  | 5/22/2014 9:30       |  | 52.39                           | 0.07                      |                                   | 0.500                                       | 7.18                                   | 1.221                                       | 14.4                                   | 5.58                             | 16.90                            | 48.6  | Clear           | N/A          | Y           |
| MW12S3  | 5/22/2014 9:35       |  | 52.39                           | 0.07                      |                                   | 0.500                                       | 7.14                                   | 1.223                                       | 8.92                                   | 5.58                             | 16.89                            | 49.7  | Clear           | N/A          | Y           |
| MW131S2   | 5/6/2014 14:50       | 22.07  | 22.10                           | 0.03                      |                                   | 0.400                                       | 7.17                                   | 1.061                                       | 4.34                                   | 4.63                             | 12.66                            | 78.9  | Clear           | N/A          | N           |
| MW131S2   | 5/6/2014 14:55       |  | 22.11                           | 0.04                      |                                   | 0.400                                       | 7.29                                   | 1.025                                       | 1.51                                   | 1.45                             | 13.28                            | 90.4  | Clear           | N/A          | N           |
| MW131S2   | 5/6/2014 15:00       |  | 22.11                           | 0.04                      |                                   | 0.400                                       | 7.23                                   | 1.029                                       | 1.05                                   | 0.96                             | 13.37                            | 91.2  | Clear           | N/A          | N           |
| MW131S2   | 5/6/2014 15:05       |  | 22.11                           | 0.04                      |                                   | 0.400                                       | 7.18                                   | 1.039                                       | 1.36                                   | 0.69                             | 13.20                            | 88.9  | Clear           | N/A          | N           |
| MW131S2   | 5/6/2014 15:10       |  | 22.11                           | 0.04                      |                                   | 0.400                                       | 7.15                                   | 1.040                                       | 1.33                                   | 0.54                             | 13.23                            | 84.8  | Clear           | N/A          | N           |
| MW131S2   | 5/6/2014 15:15       |  | 22.11                           | 0.04                      |                                   | 0.400                                       | 7.15                                   | 1.043                                       | 1.88                                   | 0.45                             | 13.03                            | 80.5  | Clear           | N/A          | N           |
| MW131S3   | 5/6/2014 15:30       | 21.77  | 21.77                           | 0.00                      |                                   | 0.400                                       | 6.97                                   | 0.856                                       | 1.88                                   | 4.04                             | 13.16                            | 73.1  | Clear           | N/A          | N           |
| MW131S3   | 5/6/2014 15:35       |  | 21.77                           | 0.00                      |                                   | 0.400                                       | 6.82                                   | 0.715                                       | 6.80                                   | 2.61                             | 12.00                            | 70.7  | Clear           | N/A          | N           |
| MW131S3   | 5/6/2014 15:40       |  | 21.77                           | 0.00                      |                                   | 0.400                                       | 6.77                                   | 0.683                                       | 7.99                                   | 2.10                             | 11.84                            | 61.6  | Clear           | N/A          | N           |
| MW131S3   | 5/6/2014 15:45       |  | 21.77                           | 0.00                      |                                   | 0.400                                       | 6.74                                   | 0.688                                       | 7.25                                   | 1.87                             | 11.80                            | 55.5  | Clear           | N/A          | N           |
| MW131S3   | 5/6/2014 15:50       |  | 21.77                           | 0.00                      |                                   | 0.400                                       | 6.75                                   | 0.706                                       | 5.67                                   | 1.73                             | 11.81                            | 52.2  | Clear           | N/A          | N           |
| MW131S3   | 5/6/2014 15:55       |  | 21.77                           | 0.00                      |                                   | 0.400                                       | 6.74                                   | 0.715                                       | 3.88                                   | 1.86                             | 11.87                            | 50.8  | Clear           | N/A          | N           |
| MW131S3   | 5/6/2014 16:00       |  | 21.77                           | 0.00                      |                                   | 0.400                                       | 6.74                                   | 0.726                                       | 4.09                                   | 1.62                             | 12.06                            | 50.0  | Clear           | N/A          | N           |
| MW131S3   | 5/6/2014 16:05       |  | 21.77                           | 0.00                      |                                   | 0.400                                       | 6.73                                   | 0.729                                       | 2.80                                   | 1.51                             | 12.07                            | 48.8  | Clear           | N/A          | N           |
| MW131S3   | 5/6/2014 16:10       |  | 21.77                           | 0.00                      |                                   | 0.400                                       | 6.74                                   | 0.731                                       | 2.25                                   | 1.39                             | 12.09                            | 45.3  | Clear           | N/A          | N           |

TABLE 4

**SUMMARY OF MONITORING WELL PURGING PARAMETERS**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Sample Location</b> | <b>Date and Time</b> | <b>Static</b>                                      |  | <b>Bailed Wells</b>              |  |   |  |   |  |  |  |   |       | <b>Clarity</b> | <b>Color</b>   | <b>Odor</b> |  |  |
|------------------------|----------------------|--|--|----------------------------------|--|---|--|---|--|--|--|---|-------|----------------|----------------|-------------|--|--|
|                        |                      | <b>Water Level</b><br><b>(ft BTOC)<sup>1</sup></b> | <b>Water Level</b><br><b>(ft BTOC)</b> | <b>Drawdown</b><br><b>(Feet)</b> | <b>Volume Purged</b><br><b>(Gallons)</b> | <b>Pumping Rate</b><br><b>(L/min)<sup>2</sup></b> | <b>pH</b><br><b>(Std. Units)<sup>3</sup></b> | <b>Conductivity</b><br><b>(mS/cm)<sup>4</sup></b> | <b>Turbidity</b><br><b>(NTU)<sup>5</sup></b> | <b>DO</b><br><b>(mg/L)<sup>6</sup></b> | <b>Temp</b><br><b>(°C)<sup>7</sup></b> | <b>ORP<sup>8</sup></b><br><b>(mV)<sup>9</sup></b> |       |                |                |             |  |  |
| MW132S1                | 5/8/2014 9:25        | 35.86  | 35.91                                  | 0.05                             |  | 0.600   | 7.65   | 0.784   | 0.58   | 6.82                                   | 15.88                                  | 89.3  | Clear | N/A            | Y              |             |  |  |
| MW132S1                | 5/8/2014 9:30        |  | 35.92                                  | 0.06                             |  | 0.600   | 7.56   | 0.823   | 0.38   | 0.64                                   | 15.54                                  | 76.7  | Clear | N/A            | Y              |             |  |  |
| MW132S1                | 5/8/2014 9:35        |  | 35.95                                  | 0.09                             |  | 0.600   | 7.56   | 0.825   | 0.66   | 0.43                                   | 15.53                                  | 72.9  | Clear | N/A            | Y              |             |  |  |
| MW132S1                | 5/8/2014 9:40        |  | 35.94                                  | 0.08                             |  | 0.600   | 7.56   | 0.826   | 0.71   | 0.52                                   | 15.53                                  | 68.3  | Clear | N/A            | Y              |             |  |  |
|                        |                      |  |  |                                  |  |   |  |   | Slight chloride odor.                        |  |  |   |       |                |                |             |  |  |
| MW132S2/S3             | 5/8/2014 8:30        | 35.80  | 35.82                                  | 0.02                             |  | 0.625   | 7.11   | 0.466   | 3.10   | 8.88                                   | 15.64                                  | 117.2   | Clear | N/A            | N              |             |  |  |
| MW132S2/S3             | 5/8/2014 8:35        |  | 35.82                                  | 0.02                             |  | 0.650   | 7.19   | 0.488   | 1.71   | 8.16                                   | 15.57                                  | 106.7   | Clear | N/A            | N              |             |  |  |
| MW132S2/S3             | 5/8/2014 8:40        |  | 35.82                                  | 0.02                             |  | 0.650   | 7.21   | 0.497   | 0.95   | 7.93                                   | 15.56                                  | 102.3   | Clear | N/A            | N              |             |  |  |
| MW132S2/S3             | 5/8/2014 8:45        |  | 35.82                                  | 0.02                             |  | 0.650   | 7.21   | 0.500   | 0.92   | 7.79                                   | 15.56                                  | 98.8  | Clear | N/A            | N              |             |  |  |
| MW132S2/S3             | 5/8/2014 8:50        |  | 35.83                                  | 0.03                             |  | 0.650   | 7.20   | 0.501   | 0.72   | 7.71                                   | 15.56                                  | 97.2  | Clear | N/A            | N              |             |  |  |
| MW133S2/S3             | 5/7/2014 10:40       | 25.47  | 25.49                                  | 0.02                             |  | 0.800   | 7.71   | 0.666   | 6.50   | 15.07                                  | 16.04                                  | 25.8  | Clear | N/A            | Y, slight odor |             |  |  |
| MW133S2/S3             | 5/7/2014 10:45       |  | 25.50                                  | 0.03                             |  | 0.800   | 7.57   | 0.658   | 1.16   | 7.19                                   | 15.98                                  | 36.8  | Clear | N/A            |                |             |  |  |
| MW133S2/S3             | 5/7/2014 10:50       |  | 25.50                                  | 0.03                             |  | 0.800   | 7.51   | 0.670   | 1.38   | 6.17                                   | 15.92                                  | 41.1  | Clear | N/A            |                |             |  |  |
| MW133S2/S3             | 5/7/2014 10:55       |  | 25.50                                  | 0.03                             |  | 0.800   | 7.51   | 0.674   | 0.57   | 5.84                                   | 15.90                                  | 42.0  | Clear | N/A            |                |             |  |  |
| MW133S2/S3             | 5/7/2014 11:00       |  | 25.50                                  | 0.03                             |  | 0.800   | 7.50   | 0.675   | 0.45   | 5.63                                   | 15.97                                  | 42.3  | Clear | N/A            |                |             |  |  |
|                        |                      |  |  |                                  |  |   |  |   | Air bubbles in flow-through cell.            |  |  |   |       |                |                |             |  |  |
| MW136S2/S3             | 5/19/2014 15:25      | 50.5   | 50.5                                   | 0.00                             |  | 0.500   | 6.88   | 0.764   | 1.61   | 5.55                                   | 15.55                                  | -80.8   | Clear | N/A            | N              |             |  |  |
| MW136S2/S3             | 5/19/2014 15:30      |  | 50.5                                   | 0.00                             |  | 0.500   | 6.79   | 0.891   | 0.80   | 4.87                                   | 15.23                                  | -91.4   | Clear | N/A            | Y              |             |  |  |
| MW136S2/S3             | 5/19/2014 15:35      |  | 50.5                                   | 0.00                             |  | 0.500   | 6.79   | 0.883   | 0.61   | 4.83                                   | 15.21                                  | -101.0  | Clear | N/A            | N              |             |  |  |
| MW136S2/S3             | 5/19/2014 15:40      |  | 50.5                                   | 0.00                             |  | 0.500   | 6.79   | 0.881   | 0.55   | 4.81                                   | 15.22                                  | -104.1  | Clear | N/A            | N              |             |  |  |
| MW137S1                | 5/13/2014 9:00       | 49.12  | 49.19                                  | 0.07                             |  | 0.250   | 7.17   | 0.408   | 1.05   | 2.49                                   | 13.81                                  | -18.1   | Clear | N/A            | Y              |             |  |  |
| MW137S1                | 5/13/2014 9:05       |  | 49.20                                  | 0.08                             |  | 0.250   | 7.43   | 0.382   | 0.85   | 1.08                                   | 13.84                                  | -95.0   | Clear | N/A            | Y              |             |  |  |
| MW137S1                | 5/13/2014 9:10       |  | 49.20                                  | 0.08                             |  | 0.250   | 7.51   | 0.380   | 0.79   | 0.90                                   | 13.90                                  | -118.1  | Clear | N/A            | Y              |             |  |  |
| MW137S1                | 5/13/2014 9:15       |  | 49.20                                  | 0.08                             |  | 0.250   | 7.57   | 0.380   | 0.70   | 0.79                                   | 13.97                                  | -131.4  | Clear | N/A            | Y              |             |  |  |
| MW137S1                | 5/13/2014 9:20       |  | 49.20                                  | 0.08                             |  | 0.250   | 7.54   | 0.379   | 1.61   | 0.83                                   | 13.93                                  | -134.8  | Clear | N/A            | Y              |             |  |  |
| MW137S1                | 5/13/2014 9:25       |  | 49.20                                  | 0.08                             |  | 0.250   | 7.60   | 0.378   | 0.71   | 0.78                                   | 13.89                                  | -141.0  | Clear | N/A            | Y              |             |  |  |
|                        |                      |  |  |                                  |  |   |  |   | Slight sulfur odor.                          |  |  |   |       |                |                |             |  |  |
| MW137S2                | 5/13/2014 9:55       | 49.06  | 51.02                                  | 1.96                             |  | 0.325   | 7.17   | 0.576   | 1.12   | 1.70                                   | 15.56                                  | -22.5   | Clear | N/A            | Y              |             |  |  |
| MW137S2                | 5/13/2014 10:05      |  | 51.61                                  | 2.55                             |  | 0.125   | 7.09   | 0.574   | 0.7  | 1.50                                   | 14.24                                  | -22.5   | Clear | N/A            | Y              |             |  |  |
| MW137S2                | 5/13/2014 10:10      |  | 52.00                                  | 2.94                             |  | 0.100   | 7.06   | 0.574   | 0.28   | 1.74                                   | 14.26                                  | -24.6   | Clear | N/A            | Y              |             |  |  |

Due to excessive drawdown, well purged 5 well volumes via bailer, removed 42.5 total gallons. Well sampled 5/14/14 at 9:30 upon 90% water level recovery.

TABLE 4

**SUMMARY OF MONITORING WELL PURGING PARAMETERS**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Sample Location</b> | <b>Date and Time</b> | <b>Static</b>                            |                              | <b>Bailed Wells</b>    |                                |   |                                    |   |                                    |                              |                              |   |       | <b>Clarity</b> | <b>Color</b> | <b>Odor</b> |
|------------------------|----------------------|--|------------------------------|------------------------|--------------------------------|---|------------------------------------|---|------------------------------------|------------------------------|------------------------------|---|-------|----------------|--------------|-------------|
|                        |                      | <b>Water Level (ft BTOC)<sup>1</sup></b> | <b>Water Level (ft BTOC)</b> | <b>Drawdown (Feet)</b> | <b>Volume Purged (Gallons)</b> | <b>Pumping Rate (L/min)<sup>2</sup></b> | <b>pH (Std. Units)<sup>3</sup></b> | <b>Conductivity (mS/cm)<sup>4</sup></b> | <b>Turbidity (NTU)<sup>5</sup></b> | <b>DO (mg/L)<sup>6</sup></b> | <b>Temp (°C)<sup>7</sup></b> | <b>ORP<sup>8</sup> (mV)<sup>9</sup></b> |       |                |              |             |
| MW137S3                | 5/13/2014 11:05      | 49.10                                    | 49.10                        | 0.00                   |                                | 0.450                                   | 6.79                               | 0.699                                   | 0.95                               | 6.62                         | 14.34                        | -14.4                                   | Clear | N/A            | N            |             |
| MW137S3                | 5/13/2014 11:10      |  | 49.10                        | 0.00                   |                                | 0.450                                   | 6.78                               | 0.701                                   | 0.49                               | 6.82                         | 14.41                        | -17.3                                   | Clear | N/A            | N            |             |
| MW137S3                | 5/13/2014 11:15      |  | 49.10                        | 0.00                   |                                | 0.450                                   | 6.80                               | 0.696                                   | 0.46                               | 7.07                         | 14.38                        | -19.3                                   | Clear | N/A            | N            |             |
| MW137S3                | 5/13/2014 11:20      |  | 49.10                        | 0.00                   |                                | 0.450                                   | 6.82                               | 0.681                                   | 0.67                               | 7.38                         | 14.33                        | -22.7                                   | Clear | N/A            | N            |             |
| MW137S3                | 5/13/2014 11:25      |  | 49.10                        | 0.00                   |                                | 0.450                                   | 6.83                               | 0.675                                   | 0.55                               | 7.55                         | 14.39                        | -30.6                                   | Clear | N/A            | N            |             |
| MW137S3                | 5/13/2014 11:30      |  | 49.10                        | 0.00                   |                                | 0.450                                   | 6.83                               | 0.671                                   | 0.51                               | 7.74                         | 14.31                        | -29.4                                   | Clear | N/A            | N            |             |
| MW138S1                | 5/12/2014 10:55      | 42.67                                    | 42.68                        | 0.01                   |                                | 0.600                                   | 7.86                               | 0.675                                   | 9.96                               | 7.46                         | 14.49                        | 41.0                                    | Clear | N/A            | N            |             |
| MW138S1                | 5/12/2014 11:00      |  | 42.68                        | 0.01                   |                                | 0.600                                   | 7.48                               | 0.687                                   | 21.6                               | 2.68                         | 14.89                        | 45.6                                    | Clear | N/A            | N            |             |
| MW138S1                | 5/12/2014 11:05      |  | 42.68                        | 0.01                   |                                | 0.600                                   | 7.44                               | 0.688                                   | 13.1                               | 1.24                         | 14.88                        | 43.8                                    | Clear | N/A            | N            |             |
| MW138S1                | 5/12/2014 11:10      |  | 42.68                        | 0.01                   |                                | 0.600                                   | 7.43                               | 0.688                                   | --                                 | 1.06                         | 14.89                        | 42.0                                    | Clear | N/A            | N            |             |
| MW138S1                | 5/12/2014 11:15      |  | 42.68                        | 0.01                   |                                | 0.600                                   | 7.43                               | 0.688                                   | 6.32                               | 1.03                         | 14.89                        | 40.2                                    | Clear | N/A            | N            |             |
| MW138S1                | 5/12/2014 11:20      |  | 42.68                        | 0.01                   |                                | 0.600                                   | 7.43                               | 0.688                                   | 4.70                               | 1.10                         | 14.88                        | 40.3                                    | Clear | N/A            | N            |             |
| MW138S2/S3             | 5/12/2014 10:20      | 42.69                                    | 42.69                        | 0.00                   |                                | 0.700                                   | 7.44                               | 0.827                                   | 3.23                               | 7.19                         | 14.87                        | -2.2                                    | Clear | N/A            | N            |             |
| MW138S2/S3             | 5/12/2014 10:25      |  | 42.69                        | 0.00                   |                                | 0.700                                   | 7.28                               | 0.826                                   | 1.41                               | 5.50                         | 14.90                        | 17.6                                    | Clear | N/A            | N            |             |
| MW138S2/S3             | 5/12/2014 10:30      |  | 42.69                        | 0.00                   |                                | 0.700                                   | 7.25                               | 0.826                                   | 1.14                               | 5.34                         | 14.89                        | 28.7                                    | Clear | N/A            | N            |             |
| MW138S2/S3             | 5/12/2014 10:35      |  | 42.69                        | 0.00                   |                                | 0.700                                   | 7.23                               | 0.826                                   | 1.10                               | 5.29                         | 14.90                        | 34.2                                    | Clear | N/A            | N            |             |
| MW138S2/S3             | 5/12/2014 10:40      |  | 42.69                        | 0.00                   |                                | 0.700                                   | 7.22                               | 0.826                                   | 1.16                               | 5.24                         | 14.89                        | 36.8                                    | Clear | N/A            | N            |             |
| MW139S2/S3             | 5/9/2014 15:40       | 42.89                                    | 42.89                        | 0.00                   |                                | 0.500                                   | 6.71                               | 1.340                                   | 1.83                               | 7.41                         | 16.00                        | 151.1                                   | Clear | N/A            | N            |             |
| MW139S2/S3             | 5/9/2014 15:45       |  | 42.89                        | 0.00                   |                                | 0.500                                   | 6.70                               | 1.352                                   | 2.63                               | 7.83                         | 16.23                        | 140.0                                   | Clear | N/A            | N            |             |
| MW139S2/S3             | 5/9/2014 15:50       |  | 42.89                        | 0.00                   |                                | 0.500                                   | 6.70                               | 1.348                                   | 2.07                               | 7.40                         | 16.26                        | 145.1                                   | Clear | N/A            | N            |             |
| MW139S2/S3             | 5/9/2014 15:55       |  | 42.89                        | 0.00                   |                                | 0.500                                   | 6.71                               | 1.343                                   | 1.91                               | 7.50                         | 16.28                        | 149.6                                   | Clear | N/A            | N            |             |
| MW13S1                 | 5/8/2014 14:50       | 47.93                                    | 51.31                        | 3.38                   |                                | 0.250                                   | 7.08                               | 0.893                                   | 1.33                               | 5.92                         | 17.90                        | 14.0                                    | Clear | N/A            | N            |             |
| MW13S1                 | 5/8/2014 15:00       |  | 51.45                        | 3.52                   |                                | 0.250                                   | 7.12                               | 0.765                                   | 0.87                               | 3.75                         | 17.86                        | 18.7                                    | Clear | N/A            | N            |             |
| MW13S1                 | 5/8/2014 15:05       |  | 51.47                        | 3.54                   |                                | 0.250                                   | 7.12                               | 0.764                                   | 0.73                               | 5.12                         | 18.06                        | 22.1                                    | Clear | N/A            | N            |             |
| MW13S1                 | 5/8/2014 15:10       |  | 51.51                        | 3.58                   |                                | 0.250                                   | 7.10                               | 0.767                                   | 0.51                               | 5.43                         | 17.96                        | 26.1                                    | Clear | N/A            | N            |             |
| MW13S1                 | 5/8/2014 15:15       |  | 51.57                        | 3.64                   |                                | 0.250                                   | 7.09                               | 0.766                                   | 0.37                               | 6.72                         | 17.80                        | 29.3                                    | Clear | N/A            | N            |             |
| MW13S3                 | 5/8/2014 15:40       | 51.28                                    | 51.29                        | 0.01                   |                                | 0.500                                   | 6.61                               | 0.627                                   | 0.39                               | 8.18                         | 16.60                        | 85.1                                    | Clear | N/A            | N            |             |
| MW13S3                 | 5/8/2014 15:45       |  | 51.29                        | 0.01                   |                                | 0.500                                   | 6.59                               | 0.628                                   | 0.28                               | 8.26                         | 16.63                        | 96.7                                    | Clear | N/A            | N            |             |
| MW13S3                 | 5/8/2014 15:50       |  | 51.29                        | 0.01                   |                                | 0.500                                   | 6.59                               | 0.627                                   | 0.32                               | 8.79                         | 16.52                        | 106.8                                   | Clear | N/A            | N            |             |
| MW13S3                 | 5/8/2014 15:55       |  | 51.29                        | 0.01                   |                                | 0.500                                   | 6.58                               | 0.628                                   | 0.38                               | 8.85                         | 16.54                        | 114.5                                   | Clear | N/A            | N            |             |
| MW13S3                 | 5/8/2014 16:00       |  | 51.29                        | 0.01                   |                                | 0.500                                   | 6.58                               | 0.628                                   | 0.28                               | 8.80                         | 16.55                        | 119.1                                   | Clear | N/A            | N            |             |
| MW13S3                 | 5/8/2014 16:05       |  | 51.29                        | 0.01                   |                                | 0.500                                   | 6.59                               | 0.628                                   | 0.22                               | 8.99                         | 16.53                        | 123.2                                   | Clear | N/A            | N            |             |

TABLE 4

**SUMMARY OF MONITORING WELL PURGING PARAMETERS**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Sample Location</b> | <b>Date and Time</b> | <b>Static</b>                                |                                 | <b>Bailed Wells</b>       |                                   | <b>Pumping Rate</b><br>(L/min) <sup>2</sup> | <b>pH</b><br>(Std. Units) <sup>3</sup> | <b>Conductivity</b><br>(mS/cm) <sup>4</sup> | <b>Turbidity</b><br>(NTU) <sup>5</sup> | <b>DO</b><br>(mg/L) <sup>6</sup> | <b>Temp</b><br>(°C) <sup>7</sup> | <b>ORP<sup>8</sup></b><br>(mV) <sup>9</sup> | <b>Clarity</b>  | <b>Color</b> | <b>Odor</b> |
|------------------------|----------------------|--|---------------------------------|---------------------------|-----------------------------------|---|--|---|--|----------------------------------|----------------------------------|---|-----------------|--------------|-------------|
|                        |                      | <b>Water Level</b><br>(ft BTOC) <sup>1</sup> | <b>Water Level</b><br>(ft BTOC) | <b>Drawdown</b><br>(Feet) | <b>Volume Purged</b><br>(Gallons) |   |  |   |  |                                  |                                  |   |                 |              |             |
| MW140S1                | 5/8/2014 11:00       | 49.10  | 49.20                           | 0.10                      |                                   | 0.400                                       | 7.14                                   | 0.547                                       | 10.1                                   | 4.56                             | 16.72                            | 10.6  | Clear           | N/A          | N           |
| MW140S1                | 5/8/2014 11:05       |  | 49.18                           | 0.08                      |                                   | 0.400                                       | 7.15                                   | 0.553                                       | 5.97                                   | 4.72                             | 16.68                            | -30.5                                       | Clear           | N/A          | N           |
| MW140S1                | 5/8/2014 11:10       |  | 48.18                           | 0.08                      |                                   | 0.400                                       | 7.16                                   | 0.557                                       | 5.56                                   | 3.27                             | 16.60                            | -53.0                                       | Clear           | N/A          | N           |
| MW140S1                | 5/8/2014 11:15       |  | 49.18                           | 0.08                      |                                   | 0.400                                       | 7.17                                   | 0.556                                       | 4.41                                   | 3.16                             | 16.67                            | -59.1                                       | Clear           | N/A          | N           |
| MW140S1                | 5/8/2014 11:20       |  | 48.18                           | 0.08                      |                                   | 0.400                                       | 7.17                                   | 0.558                                       | 5.35                                   | 3.58                             | 16.82                            | -63.9                                       | Clear           | N/A          | N           |
| MW140S1                | 5/8/2014 11:25       |  | 49.18                           | 0.08                      |                                   | 0.400                                       | 7.18                                   | 0.560                                       | 3.65                                   | 5.17                             | 16.95                            | -65.8                                       | Clear           | N/A          | N           |
| MW140S2/S3             | 5/19/2014 15:10      | 48.38  | 48.80                           | 0.42                      |                                   | 0.800                                       | 7.78                                   | 1.368                                       | 20.6                                   | 6.68                             | 16.38                            | 61.2  | Clear           | N/A          | Y           |
| MW140S2/S3             | 5/19/2014 15:15      |  | 48.80                           | 0.42                      |                                   | 0.800                                       | 7.28                                   | 1.756                                       | 4.00                                   | 5.80                             | 16.18                            | 82.0  | Clear           | N/A          | Y           |
| MW140S2/S3             | 5/19/2014 15:20      |  | 48.80                           | 0.42                      |                                   | 0.800                                       | 7.21                                   | 1.762                                       | 3.86                                   | 5.90                             | 16.00                            | 84.4  | Clear           | N/A          | Y           |
| MW140S2/S3             | 5/19/2014 15:25      |  | 48.82                           | 0.44                      |                                   | 0.800                                       | 7.16                                   | 1.773                                       | 3.92                                   | 5.70                             | 16.14                            | 85.8  | Clear           | N/A          | Y           |
| MW140S2/S3             | 5/19/2014 15:30      |  | 48.81                           | 0.43                      |                                   | 0.800                                       | 7.14                                   | 1.786                                       | 2.63                                   | 5.66                             | 16.10                            | 88.4  | Clear           | N/A          | Y           |
| MW140S2/S3             | 5/19/2014 15:35      |  | 48.80                           | 0.42                      |                                   | 0.800                                       | 7.13                                   | 1.779                                       | 1.47                                   | 5.65                             | 16.10                            | 88.9  | Clear           | N/A          | Y           |
| MW140S2/S3             | 5/19/2014 15:40      |  | 48.82                           | 0.44                      |                                   | 0.800                                       | 7.13                                   | 1.779                                       | 1.42                                   | 5.64                             | 16.09                            | 88.0  | Clear           | N/A          | Y           |
| MW141S2/S3             | 5/7/2014 11:25       | 51.41  | 51.42                           | 0.01                      |                                   | 0.500                                       | 6.95                                   | 0.936                                       | 361                                    | 6.60                             | 16.00                            | 61.5  | Slightly Cloudy | Tan          | N           |
| MW141S2/S3             | 5/7/2014 11:30       |  | 51.42                           | 0.01                      |                                   | 0.500                                       | 6.63                                   | 0.872                                       | 717                                    | 6.13                             | 15.86                            | 70.3  | Turbid          | Tan          | N           |
| MW141S2/S3             | 5/7/2014 11:35       |  | 51.42                           | 0.01                      |                                   | 0.500                                       | 6.49                                   | 0.845                                       | 409                                    | 6.35                             | 15.65                            | 77.3  | Turbid          | Tan          | N           |
| MW141S2/S3             | 5/7/2014 11:40       |  | 51.42                           | 0.01                      |                                   | 0.500                                       | 6.58                                   | 0.846                                       | 157                                    | 6.34                             | 15.84                            | 72.0  | Turbid          | Tan          | N           |
| MW141S2/S3             | 5/7/2014 11:45       |  | 51.42                           | 0.01                      |                                   | 0.500                                       | 6.61                                   | 0.845                                       | 119                                    | 6.35                             | 15.85                            | 72.4  | Slightly Cloudy | Tan          | N           |
| MW141S2/S3             | 5/7/2014 11:50       |  | 51.42                           | 0.01                      |                                   | 0.500                                       | 6.66                                   | 0.846                                       | 69.2                                   | 6.39                             | 15.85                            | 66.2  | Slightly Cloudy | Tan          | N           |
| MW141S2/S3             | 5/7/2014 11:55       |  | 51.42                           | 0.01                      |                                   | 0.500                                       | 6.67                                   | 0.845                                       | 52.0                                   | 6.39                             | 15.89                            | 65.0  | Slightly Cloudy | Tan          | N           |
| MW141S2/S3             | 5/7/2014 12:05       |  | 51.42                           | 0.01                      |                                   | 0.500                                       | 6.70                                   | 0.845                                       | 34.8                                   | 6.32                             | 16.03                            | 55.1  | Slightly Cloudy | Tan          | N           |
| MW141S2/S3             | 5/7/2014 12:15       |  | 51.42                           | 0.01                      |                                   | 0.500                                       | 6.62                                   | 0.846                                       | 23.1                                   | 6.21                             | 16.16                            | 48.5  | Clear           | N/A          | N           |
| MW141S2/S3             | 5/7/2014 12:20       |  | 51.42                           | 0.01                      |                                   | 0.500                                       | 6.71                                   | 0.846                                       | 20.1                                   | 6.15                             | 16.18                            | 49.9  | Clear           | N/A          | N           |
| MW141S2/S3             | 5/7/2014 12:25       |  | 51.42                           | 0.01                      |                                   | 0.500                                       | 6.72                                   | 0.845                                       | 18.6                                   | 6.23                             | 16.15                            | 49.7  | Clear           | N/A          | N           |
| MW142S2/S3             | 5/9/2014 14:30       | 41.45  | 41.56                           | 0.11                      |                                   | 0.650                                       | 6.98                                   | 0.484                                       | 44.1                                   | 1.78                             | 16.50                            | 102.5                                       | Slightly Cloudy | N/A          | N           |
| MW142S2/S3             | 5/9/2014 14:35       |  | 41.56                           | 0.11                      |                                   | 0.650                                       | 6.93                                   | 0.482                                       | 32.9                                   | 1.49                             | 16.43                            | 106.0                                       | Slightly Cloudy | N/A          | N           |
| MW142S2/S3             | 5/9/2014 14:40       |  | 41.56                           | 0.11                      |                                   | 0.650                                       | 6.93                                   | 0.482                                       | 30.6                                   | 1.34                             | 16.50                            | 108.1                                       | Slightly Cloudy | N/A          | N           |
| MW142S2/S3             | 5/9/2014 14:45       |  | 41.56                           | 0.11                      |                                   | 0.650                                       | 6.93                                   | 0.481                                       | 24.8                                   | 1.35                             | 16.50                            | 109.6                                       | Slightly Cloudy | N/A          | N           |
| MW142S2/S3             | 5/9/2014 14:50       |  | 41.56                           | 0.11                      |                                   | 0.650                                       | 6.92                                   | 0.478                                       | 21.3                                   | 1.36                             | 16.42                            | 111.3                                       | Clear           | N/A          | N           |
| MW142S2/S3             | 5/9/2014 14:55       |  | 41.56                           | 0.11                      |                                   | 0.650                                       | 6.92                                   | 0.476                                       | 18.0                                   | 1.39                             | 16.31                            | 112.9                                       | Clear           | N/A          | N           |
| MW142S2/S3             | 5/9/2014 15:00       |  | 41.56                           | 0.11                      |                                   | 0.650                                       | 6.91                                   | 0.475                                       | 15.6                                   | 1.38                             | 16.37                            | 114.0                                       | Clear           | N/A          | N           |
| MW142S2/S3             | 5/9/2014 15:05       |  | 41.56                           | 0.11                      |                                   | 0.650                                       | 6.90                                   | 0.473                                       | 13.2                                   | 1.41                             | 16.38                            | 115.8                                       | Clear           | N/A          | N           |
| MW142S2/S3             | 5/9/2014 15:10       |  | 41.56                           | 0.11                      |                                   | 0.650                                       | 6.90                                   | 0.472                                       | 12.0                                   | 1.46                             | 16.37                            | 116.9                                       | Clear           | N/A          | N           |

TABLE 4

**SUMMARY OF MONITORING WELL PURGING PARAMETERS**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Sample Location</b>            | <b>Date and Time</b> | <b>Static</b>                            |                              | <b>Bailed Wells</b>    |                                |   |                                    |   |                                    |                              |                              |   |                 | <b>Clarity</b> | <b>Color</b> | <b>Odor</b> |
|-----------------------------------|----------------------|--|------------------------------|------------------------|--------------------------------|---|------------------------------------|---|------------------------------------|------------------------------|------------------------------|---|-----------------|----------------|--------------|-------------|
|                                   |                      | <b>Water Level (ft BTOC)<sup>1</sup></b> | <b>Water Level (ft BTOC)</b> | <b>Drawdown (Feet)</b> | <b>Volume Purged (Gallons)</b> | <b>Pumping Rate (L/min)<sup>2</sup></b> | <b>pH (Std. Units)<sup>3</sup></b> | <b>Conductivity (mS/cm)<sup>4</sup></b> | <b>Turbidity (NTU)<sup>5</sup></b> | <b>DO (mg/L)<sup>6</sup></b> | <b>Temp (°C)<sup>7</sup></b> | <b>ORP<sup>8</sup> (mV)<sup>9</sup></b> |                 |                |              |             |
| MW143S2/S3                        | 5/9/2014 15:45       | 42.42                                    | 42.50                        | 0.08                   |                                | 0.600                                   | 7.93                               | 1.382                                   | 5.91                               | 6.62                         | 16.34                        | -18.9                                   | Clear           | N/A            | Y            |             |
| MW143S2/S3                        | 5/9/2014 15:50       |  | 42.65                        | 0.23                   |                                | 0.600                                   | 7.50                               | 1.184                                   | 34.2                               | 3.06                         | 16.02                        | -4.1                                    | Slightly Cloudy | Tan            | Y            |             |
| MW143S2/S3                        | 5/9/2014 15:55       |  | 42.50                        | 0.08                   |                                | 0.600                                   | 7.43                               | 1.318                                   | 42.1                               | 3.06                         | 15.94                        | 2.3                                     | Slightly Cloudy | Tan            | Y            |             |
| MW143S2/S3                        | 5/9/2014 16:00       |  | 42.54                        | 0.12                   |                                | 0.600                                   | 7.43                               | 1.325                                   | 38.3                               | 2.94                         | 15.97                        | 6.5                                     | Slightly Cloudy | Tan            | Y            |             |
| MW143S2/S3                        | 5/9/2014 16:05       |  | 42.55                        | 0.13                   |                                | 0.600                                   | 7.43                               | 1.327                                   | 26.3                               | 2.96                         | 15.93                        | 8.9                                     | Slightly Cloudy | Tan            | Y            |             |
| MW143S2/S3                        | 5/9/2014 16:10       |  | 42.53                        | 0.11                   |                                | 0.600                                   | 7.43                               | 1.328                                   | 17.7                               | 2.96                         | 15.95                        | 12.8                                    | Clear           | Tan            | Y            |             |
| MW143S2/S3                        | 5/9/2014 16:15       |  | 42.49                        | 0.07                   |                                | 0.600                                   | 7.42                               | 1.326                                   | 8.41                               | 2.99                         | 15.81                        | 13.6                                    | Clear           | Tan            | Y            |             |
| MW144S2/S3                        | 5/7/2014 16:20       | 45.59                                    | 45.60                        | 0.01                   |                                | 0.600                                   | 7.70                               | 0.688                                   | 9.87                               | 10.94                        | 16.32                        | 21.2                                    | Clear           | N/A            | N            |             |
| MW144S2/S3                        | 5/7/2014 16:25       |  | 45.63                        | 0.04                   |                                | 0.600                                   | 7.56                               | 0.678                                   | 66.4                               | 6.48                         | 16.32                        | 42.6                                    | Cloudy          | White grey     | N            |             |
| MW144S2/S3                        | 5/7/2014 16:30       |  | 45.63                        | 0.04                   |                                | 0.600                                   | 7.49                               | 0.676                                   | 45.4                               | 6.38                         | 16.31                        | 44.3                                    | Cloudy          | White grey     | N            |             |
| MW144S2/S3                        | 5/7/2014 16:35       |  | 45.60                        | 0.01                   |                                | 0.600                                   | 7.43                               | 0.674                                   | 25.3                               | 6.24                         | 16.31                        | 44.5                                    | Mostly clear    | Light grey     | N            |             |
| MW144S2/S3                        | 5/7/2014 16:40       |  | 45.61                        | 0.02                   |                                | 0.600                                   | 7.43                               | 0.675                                   | 9.89                               | 6.20                         | 16.40                        | 43.4                                    | Clear           | Light grey     | N            |             |
| MW145S2/S3                        | 5/7/2014 14:05       | 31.14                                    | 31.14                        | 0.00                   |                                | 0.700                                   | 7.85                               | 1.400                                   | 30.6                               | 7.02                         | 15.86                        | 7.7                                     | Clear           | Light grey     | N            |             |
| MW145S2/S3                        | 5/7/2014 14:10       |  | 31.21                        | 0.07                   |                                | 0.700                                   | 7.64                               | 1.282                                   | 167                                | 4.19                         | 15.78                        | 14.4                                    | Slightly cloudy | Light grey     | N            |             |
| MW145S2/S3                        | 5/7/2014 14:20       |  | 31.21                        | 0.07                   |                                | 0.700                                   | 7.35                               | 1.311                                   | 141                                | 3.78                         | 15.98                        | 27.7                                    | Cloudy          | Light grey     | N            |             |
| MW145S2/S3                        | 5/7/2014 14:25       |  | 31.21                        | 0.07                   |                                | 0.700                                   | 7.34                               | 1.322                                   | 75.9                               | 3.93                         | 16.15                        | 32.8                                    | Cloudy          | Light grey     | N            |             |
| MW145S2/S3                        | 5/7/2014 14:30       |  | 31.21                        | 0.07                   |                                | 0.700                                   | 7.29                               | 1.326                                   | 73.3                               | 3.93                         | 16.13                        | 34.7                                    | Cloudy          | Light grey     | N            |             |
| MW145S2/S3                        | 5/7/2014 14:35       |  | 31.20                        | 0.06                   |                                | 0.700                                   | 7.34                               | 1.327                                   | 74.5                               | 3.99                         | 16.25                        | 35.8                                    | Cloudy          | Light grey     | N            |             |
| MW14S1                            | 5/6/2014 13:15       | 60.83                                    | 61.82                        | 0.99                   |                                | 0.600                                   | 6.28                               | 0.778                                   | 0.68                               | 1.28                         | 15.94                        | 48.5                                    | Clear           | N/A            | N            |             |
| MW14S1                            | 5/6/2014 13:20       |  | 61.84                        | 1.01                   |                                | 0.600                                   | 6.64                               | 0.779                                   | 0.80                               | 1.16                         | 16.15                        | 25.4                                    | Clear           | N/A            | N            |             |
| MW14S1                            | 5/6/2014 13:25       |  | 61.86                        | 1.03                   |                                | 0.600                                   | 6.85                               | 0.778                                   | 0.74                               | 1.32                         | 16.10                        | 18.8                                    | Clear           | N/A            | N            |             |
| MW14S1                            | 5/6/2014 13:30       |  | 61.88                        | 1.05                   |                                | 0.600                                   | 6.93                               | 0.777                                   | 0.62                               | 1.24                         | 16.26                        | 10.7                                    | Clear           | N/A            | N            |             |
| MW14S1                            | 5/6/2014 13:35       |  | 61.89                        | 1.06                   |                                | 0.600                                   | 7.05                               | 0.778                                   | 0.51                               | 1.35                         | 16.31                        | 8.6                                     | Clear           | N/A            | N            |             |
| MW14S1                            | 5/6/2014 13:40       |  | 61.90                        | 1.07                   |                                | 0.600                                   | 6.98                               | 0.780                                   | 0.43                               | 1.37                         | 16.15                        | -167.8                                  | Clear           | N/A            | N            |             |
| MW14S1                            | 5/6/2014 13:45       |  | 61.90                        | 1.07                   |                                | 0.600                                   | 6.99                               | 0.780                                   | 0.87                               | 1.33                         | 16.26                        | -159.7                                  | Clear           | N/A            | N            |             |
| MW14S1                            | 5/6/2014 13:50       |  | 61.90                        | 1.07                   |                                | 0.600                                   | 7.00                               | 0.780                                   | 0.55                               | 1.42                         | 16.29                        | -153.3                                  | Clear           | N/A            | N            |             |
| Air bubbles in flow-through cell. |                      |  |                              |                        |                                |   |                                    |   |                                    |                              |                              |   |                 |                |              |             |
| MW14S3                            | 5/7/2014 10:35       | 51.81                                    | 51.92                        | 0.11                   |                                | 0.500                                   | 5.46                               | 4.137                                   | 25.8                               | 3.57                         | 15.39                        | 89.1                                    | Clear           | N/A            | N            |             |
| MW14S3                            | 5/7/2014 10:40       |  | 51.92                        | 0.11                   |                                | 0.500                                   | 5.63                               | 5.539                                   | 13.1                               | 2.90                         | 15.28                        | 90.0                                    | Clear           | N/A            | N            |             |
| MW14S3                            | 5/7/2014 10:45       |  | 51.92                        | 0.11                   |                                | 0.500                                   | 5.88                               | 6.122                                   | 7.47                               | 2.63                         | 15.22                        | 72.6                                    | Clear           | N/A            | N            |             |
| MW14S3                            | 5/7/2014 10:50       |  | 51.92                        | 0.11                   |                                | 0.500                                   | 6.11                               | 6.318                                   | 5.88                               | 2.55                         | 15.22                        | 68.0                                    | Clear           | N/A            | N            |             |
| MW14S3                            | 5/7/2014 10:55       |  | 51.92                        | 0.11                   |                                | 0.500                                   | 6.19                               | 6.367                                   | 5.07                               | 2.54                         | 15.21                        | 70.7                                    | Clear           | N/A            | N            |             |
| MW14S3                            | 5/7/2014 11:00       |  | 51.92                        | 0.11                   |                                | 0.500                                   | 6.23                               | 6.429                                   | 5.08                               | 2.52                         | 15.25                        | 74.3                                    | Clear           | N/A            | N            |             |
| MW14S3                            | 5/7/2014 11:05       |  | 51.92                        | 0.11                   |                                | 0.500                                   | 6.27                               | 6.426                                   | 5.56                               | 2.55                         | 15.34                        | 79.9                                    | Clear           | N/A            | N            |             |

TABLE 4

**SUMMARY OF MONITORING WELL PURGING PARAMETERS**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Sample Location</b>  | <b>Date and Time</b> | <b>Static</b>                                      |  | <b>Bailed Wells</b>              |  |   |  |   |  |  |  |   |                 | <b>Clarity</b> | <b>Color</b> | <b>Odor</b> |
|---|----------------------|--|--|----------------------------------|--|---|--|---|--|--|--|---|-----------------|----------------|--------------|-------------|
|   |                      | <b>Water Level</b><br><b>(ft BTOC)<sup>1</sup></b> | <b>Water Level</b><br><b>(ft BTOC)</b> | <b>Drawdown</b><br><b>(Feet)</b> | <b>Volume Purged</b><br><b>(Gallons)</b> | <b>Pumping Rate</b><br><b>(L/min)<sup>2</sup></b> | <b>pH</b><br><b>(Std. Units)<sup>3</sup></b> | <b>Conductivity</b><br><b>(mS/cm)<sup>4</sup></b> | <b>Turbidity</b><br><b>(NTU)<sup>5</sup></b> | <b>DO</b><br><b>(mg/L)<sup>6</sup></b> | <b>Temp</b><br><b>(°C)<sup>7</sup></b> | <b>ORP<sup>8</sup></b><br><b>(mV)<sup>9</sup></b> |                 |                |              |             |
| MW15S2  | 5/20/2014 14:20      | 49.56  | 49.56                                  | 0.00                             |  | 0.600   | 6.67   | 0.838   | 0.58   | 5.27                                   | 15.48                                  | -91.0   | Clear           | N/A            | N            |             |
| MW15S2  | 5/20/2014 14:25      |  | 49.56                                  | 0.00                             |  | 0.600   | 7.15   | 1.085   | 2.98   | 5.21                                   | 15.68                                  | -122.0  | Clear           | N/A            | N            |             |
| MW15S2  | 5/20/2014 14:30      |  | 49.56                                  | 0.00                             |  | 0.600   | 7.17   | 1.031   | 1.82   | 3.36                                   | 15.56                                  | -137.0  | Clear           | N/A            | N            |             |
| MW15S2  | 5/20/2014 14:35      |  | 49.56                                  | 0.00                             |  | 0.600   | 6.80   | 1.448   | 1.47   | 4.89                                   | 15.56                                  | -105.3  | Clear           | N/A            | N            |             |
| MW15S2  | 5/20/2014 14:40      |  | 49.56                                  | 0.00                             |  | 0.600   | 6.71   | 1.649   | 1.30   | 5.13                                   | 15.37                                  | -100.7  | Clear           | N/A            | N            |             |
| MW15S2  | 5/20/2014 14:45      |  | 49.56                                  | 0.00                             |  | 0.600   | 6.70   | 1.771   | 0.77   | 5.21                                   | 15.44                                  | -96.7   | Clear           | N/A            | N            |             |
| MW15S2  | 5/20/2014 14:50      |  | 49.56                                  | 0.00                             |  | 0.600   | 6.68   | 1.816   | 0.54   | 5.18                                   | 15.61                                  | -94.1   | Clear           | N/A            | N            |             |
| MW15S2  | 5/20/2014 14:55      |  | 49.56                                  | 0.00                             |  | 0.600   | 6.67   | 1.833   | 0.66   | 5.25                                   | 15.50                                  | -91.1   | Clear           | N/A            | N            |             |
| MW15S4  | 5/8/2014 10:40       | 35.04  | --                                     | --                               | 0.5                                      | --  | 5.50   | 0.141   | --   | --                                     | 16.01                                  | --  | Slightly Cloudy | N/A            | Y            |             |
| MW15S4  | 5/8/2014 10:45       |  | --                                     | --                               | 1.0                                      | --  | 5.96   | 0.196   | --   | --                                     | 15.48                                  | --  | Slightly Cloudy | N/A            | Y            |             |
| Bailed dry after 1.5 gallons removed. Sampled 5/9/14 at 8:35 upon 90% water level recovery. |                      |  |  |                                  |  |   |  |   |  |  |  |   |                 |                |              |             |
| MW16S1A   | 5/9/2014 10:15       | 54.74  | 54.93                                  | 0.19                             |  | 0.400   | 6.99   | 1.028   | 7.26   | 1.65                                   | 15.65                                  | -127.9  | Clear           | N/A            | N            |             |
| MW16S1A   | 5/9/2014 10:25       |  | 54.93                                  | 0.19                             |  | 0.400   | 7.24   | 1.019   | 6.47   | 1.36                                   | 15.63                                  | -126.4  | Clear           | N/A            | N            |             |
| MW16S1A   | 5/9/2014 10:30       |  | 54.94                                  | 0.20                             |  | 0.400   | 7.30   | 1.016   | 3.51   | 1.51                                   | 15.68                                  | -122.7  | Clear           | N/A            | Y            |             |
| MW16S1A   | 5/9/2014 10:35       |  | 54.94                                  | 0.20                             |  | 0.400   | 7.02   | 0.981   | --   | 1.76                                   | 15.74                                  | -119.8  | Clear           | N/A            | Y            |             |
| MW16S1A   | 5/9/2014 10:40       |  | 54.94                                  | 0.20                             |  | 0.400   | 7.01   | 1.025   | --   | 1.75                                   | 15.69                                  | -117.3  | Clear           | N/A            | Y            |             |
| MW16S1A   | 5/9/2014 10:45       |  | 54.94                                  | 0.20                             |  | 0.400   | 7.01   | 1.029   | 1.83   | 1.82                                   | 15.71                                  | -113.4  | Clear           | N/A            | Y            |             |
| MW16S1A   | 5/9/2014 10:50       |  | 54.94                                  | 0.20                             |  | 0.400   | 7.01   | 1.033   | 1.44   | 1.71                                   | 15.74                                  | -112.4  | Clear           | N/A            | Y            |             |
| MW16S2SS  | 5/14/2014 10:00      | 49.50  | 49.50                                  | 0.00                             |  | 0.750   | 6.98   | 3.537   | 2.18   | 2.12                                   | 14.65                                  | 33.3  | Clear           | N/A            | Y            |             |
| MW16S2SS  | 5/14/2014 10:05      |  | 49.50                                  | 0.00                             |  | 0.750   | 6.92   | 4.399   | 2.11   | 1.56                                   | 14.65                                  | 16.2  | Clear           | N/A            | Y            |             |
| MW16S2SS  | 5/14/2014 10:10      |  | 49.50                                  | 0.00                             |  | 0.750   | 6.91   | 4.986   | 1.87   | 1.33                                   | 14.65                                  | -0.5  | Clear           | N/A            | Y            |             |
| MW16S2SS  | 5/14/2014 10:15      |  | 49.50                                  | 0.00                             |  | 0.750   | 6.91   | 5.246   | 1.20   | 1.17                                   | 14.64                                  | -13.5   | Clear           | N/A            | Y            |             |
| MW16S2SS  | 5/14/2014 10:20      |  | 49.50                                  | 0.00                             |  | 0.750   | 6.91   | 5.367   | 0.93   | 1.07                                   | 14.66                                  | -21.8   | Clear           | N/A            | Y            |             |
| MW16S2SS  | 5/14/2014 10:25      |  | 49.50                                  | 0.00                             |  | 0.750   | 6.92   | 5.395   | 0.86   | 1.02                                   | 14.64                                  | -27.4   | Clear           | N/A            | Y            |             |
| MW16S2SS  | 5/14/2014 10:30      |  | 49.50                                  | 0.00                             |  | 0.750   | 6.92   | 5.400   | 1.07   | 0.97                                   | 14.67                                  | -31.6   | Clear           | N/A            | Y            |             |
| MW16S4R   | 5/9/2014 9:15        | 35.21  | 35.22                                  | 0.01                             |  | 0.800   | 6.64   | 0.521   | 123  | 8.40                                   | 15.47                                  | 225.6   | Slightly Cloudy | Tan            | N            |             |
| MW16S4R   | 5/9/2014 9:20        |  | 35.22                                  | 0.01                             |  | 0.800   | 6.74   | 0.525   | 34.1   | 8.41                                   | 15.45                                  | 224.1   | Slightly Cloudy | N/A            | N            |             |
| MW16S4R   | 5/9/2014 9:25        |  | 35.22                                  | 0.01                             |  | 0.800   | 6.80   | 0.526   | 12.3   | 8.36                                   | 15.46                                  | 220.0   | Clear           | N/A            | N            |             |
| MW16S4R   | 5/9/2014 9:30        |  | 35.22                                  | 0.01                             |  | 0.800   | 6.82   | 0.527   | 6.90   | 8.35                                   | 15.49                                  | 219.8   | Clear           | N/A            | N            |             |
| MW16S4R   | 5/9/2014 9:35        |  | 35.22                                  | 0.01                             |  | 0.800   | 6.83   | 0.530   | 5.66   | 8.33                                   | 15.51                                  | 219.5   | Clear           | N/A            | N            |             |

TABLE 4

**SUMMARY OF MONITORING WELL PURGING PARAMETERS**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Sample Location</b> | <b>Date and Time</b> | <b>Static</b>                            |                              | <b>Bailed Wells</b>    |                                |   |                                    |   |                                    |                              |                              |   |                 | <b>Clarity</b> | <b>Color</b>   | <b>Odor</b> |
|------------------------|----------------------|--|------------------------------|------------------------|--------------------------------|---|------------------------------------|---|------------------------------------|------------------------------|------------------------------|---|-----------------|----------------|----------------|-------------|
|                        |                      | <b>Water Level (ft BTOC)<sup>1</sup></b> | <b>Water Level (ft BTOC)</b> | <b>Drawdown (Feet)</b> | <b>Volume Purged (Gallons)</b> | <b>Pumping Rate (L/min)<sup>2</sup></b> | <b>pH (Std. Units)<sup>3</sup></b> | <b>Conductivity (mS/cm)<sup>4</sup></b> | <b>Turbidity (NTU)<sup>5</sup></b> | <b>DO (mg/L)<sup>6</sup></b> | <b>Temp (°C)<sup>7</sup></b> | <b>ORP<sup>8</sup> (mV)<sup>9</sup></b> |                 |                |                |             |
| MW17S1                 | 5/10/2014 10:00      | 55.56                                    | 55.56                        | 0.00                   |                                | 0.750                                   | 6.95                               | 0.790                                   | 3.05                               | 9.00                         | 16.83                        | 160.3                                   | Clear           | N/A            | N              |             |
| MW17S1                 | 5/10/2014 10:05      |  | 55.57                        | 0.01                   |                                | 0.750                                   | 7.54                               | 0.748                                   | 6.23                               | 0.66                         | 15.75                        | 110.5                                   | Clear           | N/A            | N              |             |
| MW17S1                 | 5/10/2014 10:10      |  | 55.57                        | 0.01                   |                                | 0.750                                   | 7.66                               | 0.793                                   | 3.72                               | 0.44                         | 15.79                        | 82.2                                    | Clear           | N/A            | N              |             |
| MW17S1                 | 5/10/2014 10:15      |  | 55.57                        | 0.01                   |                                | 0.750                                   | 7.65                               | 0.796                                   | 2.01                               | 0.38                         | 15.72                        | 76.2                                    | Clear           | N/A            | N              |             |
| MW17S1                 | 5/10/2014 10:20      |  | 55.56                        | 0.00                   |                                | 0.750                                   | 7.66                               | 0.797                                   | 2.49                               | 0.34                         | 15.80                        | 74.3                                    | Clear           | N/A            | N              |             |
| MW17S3A                | 5/10/2014 10:40      | 47.85                                    | 48.80                        | 0.95                   |                                | 0.800                                   | 7.74                               | 0.586                                   | 17.7                               | 5.55                         | 15.99                        | 77.6                                    | Clear           | N/A            | N              |             |
| MW17S3A                | 5/10/2014 10:45      |  | 48.80                        | 0.95                   |                                | 0.800                                   | 7.67                               | 0.591                                   | 3.29                               | 1.07                         | 15.84                        | 83.2                                    | Clear           | N/A            | N              |             |
| MW17S3A                | 5/10/2014 10:50      |  | 48.75                        | 0.90                   |                                | 0.800                                   | 7.70                               | 0.591                                   | 2.11                               | 0.60                         | 15.86                        | 80.6                                    | Clear           | N/A            | N              |             |
| MW17S3A                | 5/10/2014 10:55      |  | --                           | --                     |                                | 0.800                                   | 7.71                               | 0.591                                   | 1.40                               | 0.48                         | 15.90                        | 78.3                                    | Clear           | N/A            | N              |             |
| MW17S3A                | 5/10/2014 11:00      |  | 48.80                        | 0.95                   |                                | 0.800                                   | 7.72                               | 0.591                                   | 1.22                               | 0.44                         | 15.97                        | 77.8                                    | Clear           | N/A            | N              |             |
| MW17S3B                | 5/10/2014 11:15      | 47.08                                    | 47.10                        | 0.02                   |                                | 0.175                                   | 7.37                               | 1.236                                   | 9.16                               | 7.60                         | 18.21                        | 44.2                                    | Clear           | N/A            | N              |             |
| MW17S3B                | 5/10/2014 11:20      |  | 47.10                        | 0.02                   |                                | 0.175                                   | 7.00                               | 1.233                                   | 6.43                               | 7.27                         | 17.93                        | 72.7                                    | Clear           | N/A            | N              |             |
| MW17S3B                | 5/10/2014 11:26      |  | --                           | --                     |                                | 0.175                                   | 6.86                               | 1.249                                   | 5.27                               | 7.20                         | 17.96                        | 89.0                                    | Clear           | N/A            | N              |             |
| MW17S3B                | 5/10/2014 11:30      |  | 47.15                        | 0.07                   |                                | 0.175                                   | 6.84                               | 1.254                                   | 3.16                               | 7.16                         | 17.99                        | 90.7                                    | Clear           | N/A            | N              |             |
| MW17S3B                | 5/10/2014 11:35      |  | 47.10                        | 0.02                   |                                | 0.175                                   | 6.83                               | 1.253                                   | 3.15                               | 7.19                         | 17.89                        | 92.7                                    | Clear           | N/A            | N              |             |
| MW18S1                 | 5/21/2014 12:55      | 58.30                                    | 58.53                        | 0.23                   |                                | 0.550                                   | 6.36                               | 2.631                                   | 26.5                               | 5.02                         | 18.29                        | 117.6                                   | Slightly Cloudy | Tan            | Y, strong odor |             |
| MW18S1                 | 5/21/2014 13:00      |  | 58.60                        | 0.30                   |                                | 0.550                                   | 6.28                               | 2.599                                   | 14.0                               | 4.91                         | 18.55                        | 135.7                                   | Slightly Cloudy | Tan            | Y, strong odor |             |
| MW18S1                 | 5/21/2014 13:05      |  | 58.60                        | 0.30                   |                                | 0.550                                   | 6.24                               | 2.607                                   | 13.7                               | 6.77                         | 18.58                        | 145.6                                   | Clear           | N/A            | Y, strong odor |             |
| MW18S1                 | 5/21/2014 13:10      |  | 58.60                        | 0.30                   |                                | 0.550                                   | 6.23                               | 2.630                                   | 13.4                               | 8.17                         | 18.83                        | 152.1                                   | Clear           | N/A            | Y, strong odor |             |
| MW18S1                 | 5/21/2014 13:15      |  | 58.60                        | 0.30                   |                                | 0.550                                   | 6.25                               | 2.645                                   | 13.8                               | 7.79                         | 18.75                        | 154.4                                   | Clear           | N/A            | Y, strong odor |             |
| MW18S1                 | 5/21/2014 13:20      |  | 58.60                        | 0.30                   |                                | 0.550                                   | 6.28                               | 2.645                                   | 16.3                               | 7.20                         | 18.54                        | 155.9                                   | Clear           | N/A            | Y, strong odor |             |
| MW18S1                 | 5/21/2014 13:25      |  | 58.60                        | 0.30                   |                                | 0.550                                   | 6.30                               | 2.647                                   | 25.5                               | 7.15                         | 18.52                        | 156.7                                   | Clear           | N/A            | Y, strong odor |             |
| MW18S3                 | 5/21/2014 13:50      | 49.68                                    | 51.40                        | 1.72                   |                                | 0.400                                   | 5.65                               | 2.060                                   | 1000                               | 7.35                         | 19.08                        | 150.5                                   | Turbid          | Brown          | Y, strong odor |             |
| MW18S3                 | 5/21/2014 13:55      |  | 51.40                        | 1.72                   |                                | 0.400                                   | 5.58                               | 1.988                                   | 1000                               | 3.23                         | 18.87                        | 151.7                                   | Turbid          | Brown          | Y, strong odor |             |
| MW18S3                 | 5/21/2014 14:00      |  | 51.40                        | 1.72                   |                                | 0.400                                   | 5.47                               | 1.950                                   | 284                                | 2.58                         | 18.90                        | 157.7                                   | Turbid          | Brown          | Y, strong odor |             |
| MW18S3                 | 5/21/2014 14:05      |  | 51.65                        | 1.97                   |                                | 0.400                                   | 5.51                               | 1.955                                   | 151                                | 2.71                         | 18.57                        | 159.1                                   | Turbid          | Brown          | Y, strong odor |             |
| MW18S3                 | 5/21/2014 14:10      |  | 51.40                        | 1.72                   |                                | 0.400                                   | 5.57                               | 1.955                                   | 93.1                               | 2.83                         | 18.87                        | 157.4                                   | Turbid          | Brown          | Y, strong odor |             |
| MW18S3                 | 5/21/2014 14:20      |  | 51.60                        | 1.92                   |                                | 0.400                                   | 5.63                               | 1.983                                   | 39.0                               | 2.64                         | 18.45                        | 153.8                                   | Slightly Cloudy | Brown          | Y, strong odor |             |
| MW18S3                 | 5/21/2014 14:30      |  | 51.60                        | 1.92                   |                                | 0.400                                   | 5.66                               | 2.000                                   | 36.2                               | 2.53                         | 18.72                        | 151.8                                   | Slightly Cloudy | Brown          | Y, strong odor |             |
| MW18S3                 | 5/21/2014 14:35      |  | 51.60                        | 1.92                   |                                | 0.400                                   | 5.68                               | 2.001                                   | 35.2                               | 2.47                         | 18.88                        | 150.5                                   | Slightly Cloudy | Brown          | Y, strong odor |             |
| MW18S3                 | 5/21/2014 14:40      |  | 51.60                        | 1.92                   |                                | 0.400                                   | 5.67                               | 2.000                                   | 34.5                               | 2.49                         | 18.58                        | 150.1                                   | Slightly Cloudy | Brown          | Y, strong odor |             |

TABLE 4

**SUMMARY OF MONITORING WELL PURGING PARAMETERS**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <i>Sample Location</i>   | <i>Date and Time</i> | <i>Static Water Level</i>                |                              | <i>Drawdown (Feet)</i> | <i>Bailed Wells</i>  |                  | <i>Pumping Rate (L/min)<sup>2</sup></i> | <i>pH (Std. Units)<sup>3</sup></i> | <i>Conductivity (mS/cm)<sup>4</sup></i> | <i>Turbidity (NTU)<sup>5</sup></i> | <i>DO (mg/L)<sup>6</sup></i> | <i>Temp (°C)<sup>7</sup></i> | <i>ORP<sup>8</sup> (mV)<sup>9</sup></i> | <i>Clarity</i>  | <i>Color</i> | <i>Odor</i>    |
|--|----------------------|--|------------------------------|------------------------|----------------------|------------------|---|------------------------------------|---|------------------------------------|------------------------------|------------------------------|---|-----------------|--------------|----------------|
|  |                      | <i>Water Level (ft BTOC)<sup>1</sup></i> | <i>Water Level (ft BTOC)</i> |                        | <i>Volume Purged</i> | <i>(Gallons)</i> |   |                                    |   |                                    |                              |                              |   |                 |              |                |
| MW19S1   | 5/20/2014 15:45      | 58.90                                    | 59.40                        | 0.50                   |                      |                  | 0.600                                   | 7.39                               | 3.725                                   | 471                                | 1.82                         | 19.40                        | 76.5                                    | Turbid          | Tan          | Y, strong odor |
| MW19S1   | 5/20/2014 15:50      |  | 59.50                        | 0.60                   |                      |                  | 0.600                                   | 7.20                               | 3.583                                   | 78.1                               | 0.37                         | 18.20                        | 69.2                                    | Turbid          | Tan          | Y, strong odor |
| MW19S1   | 5/20/2014 15:55      |  | 59.45                        | 0.55                   |                      |                  | 0.600                                   | 7.10                               | 3.555                                   | 33.7                               | 0.34                         | 18.13                        | 62.1                                    | Slightly Cloudy | Tan          | Y, strong odor |
| MW19S1   | 5/20/2014 16:00      |  | 59.50                        | 0.60                   |                      |                  | 0.600                                   | 7.11                               | 3.551                                   | 164                                | 0.51                         | 18.04                        | 64.7                                    | Turbid          | Tan          | Y, strong odor |
| MW19S1   | 5/20/2014 16:10      |  | 59.50                        | 0.60                   |                      |                  | 0.600                                   | 7.07                               | 3.483                                   | 197                                | 0.83                         | 18.01                        | 69.1                                    | Turbid          | Tan          | Y, strong odor |
| MW19S1   | 5/20/2014 16:20      |  | 59.50                        | 0.60                   |                      |                  | 0.600                                   | 7.06                               | 3.475                                   | 168                                | 0.92                         | 17.96                        | 70.7                                    | Turbid          | Tan          | Y, strong odor |
| MW19S1   | 5/20/2014 16:30      |  | 59.55                        | 0.65                   |                      |                  | 0.600                                   | 7.06                               | 3.468                                   | 149                                | 0.99                         | 18.02                        | 71.9                                    | Turbid          | Tan          | Y, strong odor |
| MW19S1   | 5/20/2014 16:40      |  | 59.50                        | 0.60                   |                      |                  | 0.600                                   | 7.05                               | 3.458                                   | 143                                | 1.10                         | 18.14                        | 73.7                                    | Turbid          | Tan          | Y, strong odor |
| MW19S1   | 5/20/2014 16:45      |  | 59.50                        | 0.60                   |                      |                  | 0.600                                   | 7.05                               | 3.461                                   | 149                                | 1.10                         | 18.08                        | 74.1                                    | Turbid          | Tan          | Y, strong odor |
| MW19S2   | 5/20/2014 14:55      | 53.84                                    | 61.54                        | 7.70                   |                      |                  | 0.800                                   | 7.00                               | 18.410                                  | 1000                               | 1.35                         | 17.69                        | 77.8                                    | Turbid          | Brown        | Y, strong odor |
| MW19S2   | 5/20/2014 15:00      |  | 63.54                        | 9.70                   |                      |                  | 0.250                                   | 7.28                               | 14.600                                  | 68.6                               | 0.47                         | 18.66                        | 77.9                                    | Slightly Cloudy | Brown        | Y, strong odor |
| MW19S2   | 5/20/2014 15:05      |  | 65.44                        | 11.60                  |                      |                  | 0.250                                   | 7.70                               | 7.902                                   | 19.3                               | 0.36                         | 18.92                        | 61.9                                    | Slightly Cloudy | Brown        | Y, strong odor |
| MW19S2   | 5/20/2014 15:10      |  | 66.64                        | 12.80                  |                      |                  | 0.125                                   | 8.30                               | 4.550                                   | 21.0                               | 0.28                         | 20.00                        | 51.5                                    | Slightly Cloudy | Brown        | Y, strong odor |
| MW19S2   | 5/20/2014 15:15      |  | 67.74                        | 13.90                  |                      |                  | 0.125                                   | 8.43                               | 4.006                                   | 17.6                               | 0.27                         | 20.95                        | 50.7                                    | Slightly Cloudy | Brown        | Y, strong odor |
| MW19S2   | 5/20/2014 15:20      |  | 68.44                        | 14.60                  |                      |                  | 0.125                                   | 8.47                               | 3.905                                   | 19.8                               | 0.27                         | 20.92                        | 51.2                                    | Slightly Cloudy | Brown        | Y, strong odor |
| MW19S2   | 5/20/2014 15:25      |  | 69.74                        | 15.90                  |                      |                  | 0.125                                   | 8.53                               | 3.766                                   | 20.7                               | 0.27                         | 20.61                        | 55.0                                    | Slightly Cloudy | Brown        | Y, strong odor |
| MW19S2   | 5/20/2014 15:30      |  | --                           | --                     |                      |                  | 0.125                                   | 8.54                               | 3.660                                   | 21.8                               | 0.45                         | 20.66                        | 54.7                                    | Slightly Cloudy | Brown        | Y, strong odor |
| Well went dry while purging. Sampled 5/21/14 at 10:35 after 90% water level recovery.                |                      |  |                              |                        |                      |                  |   |                                    |   |                                    |                              |                              |   |                 |              |                |
| MW19S4   | 5/21/2014 11:05      | 32.68                                    | 35.00                        | 1.32                   |                      |                  | 0.600                                   | 5.59                               | 5.56                                    | 1000                               | 5.77                         | 19.11                        | 129.0                                   | Turbid          | Tan          | Y, strong odor |
| Well went dry after 5 minutes of purging. Sampled 5/21/2014 at 15:10 after 90% water level recovery. |                      |  |                              |                        |                      |                  |   |                                    |   |                                    |                              |                              |   |                 |              |                |
| MW20S1   | 5/7/2014 12:35       | 46.23                                    | 46.25                        | 0.02                   |                      |                  | 0.600                                   | 7.62                               | 0.638                                   | --                                 | 2.84                         | 16.18                        | 19.5                                    | Clear           | N/A          | Y              |
| MW20S1   | 5/7/2014 12:40       |  | 46.24                        | 0.01                   |                      |                  | 0.600                                   | 7.44                               | 0.651                                   | --                                 | 0.93                         | 16.05                        | -54.2                                   | Clear           | N/A          | Y              |
| MW20S1   | 5/7/2014 12:45       |  | 46.24                        | 0.01                   |                      |                  | 0.600                                   | 7.55                               | 0.654                                   | 1.36                               | 0.65                         | 16.02                        | -103.7                                  | Clear           | N/A          | Y              |
| MW20S1   | 5/7/2014 12:50       |  | 46.26                        | 0.03                   |                      |                  | 0.600                                   | 7.59                               | 0.654                                   | 1.64                               | 0.50                         | 15.90                        | -119.0                                  | Clear           | N/A          | Y              |
| MW20S1   | 5/7/2014 12:55       |  | 46.25                        | 0.02                   |                      |                  | 0.600                                   | 7.58                               | 0.651                                   | 1.45                               | 0.45                         | 15.98                        | -115.4                                  | Clear           | N/A          | Y              |
| MW20S1   | 5/7/2014 13:00       |  | 46.25                        | 0.02                   |                      |                  | 0.600                                   | 7.59                               | 0.652                                   | 0.80                               | 0.41                         | 16.04                        | -113.6                                  | Clear           | N/A          | Y              |
| MW20S3   | 5/7/2014 13:10       | 46.45                                    | 46.48                        | 0.03                   |                      |                  | 0.700                                   | 7.61                               | 0.782                                   | 63.2                               | 10.71                        | 16.33                        | -6.5                                    | Clear           | Light brown  | N              |
| MW20S3   | 5/7/2014 13:15       |  | 46.48                        | 0.03                   |                      |                  | 0.700                                   | 7.56                               | 0.787                                   | 23.6                               | 5.57                         | 16.13                        | -5.7                                    | Clear           | Light brown  | N              |
| MW20S3   | 5/7/2014 13:20       |  | 46.45                        | 0.00                   |                      |                  | 0.700                                   | 7.56                               | 0.794                                   | 25.0                               | 5.22                         | 16.15                        | -3.2                                    | Clear           | Light grey   | N              |
| MW20S3   | 5/7/2014 13:25       |  | 46.48                        | 0.03                   |                      |                  | 0.700                                   | 7.54                               | 0.801                                   | 34.2                               | 5.01                         | 15.95                        | -2.2                                    | Mostly clear    | Light grey   | N              |
| MW20S3   | 5/7/2014 13:30       |  | 46.48                        | 0.03                   |                      |                  | 0.700                                   | 7.53                               | 0.803                                   | 44.0                               | 4.89                         | 16.10                        | 0.2                                     | Mostly clear    | Light grey   | N              |
| MW20S3   | 5/7/2014 13:35       |  | 46.47                        | 0.02                   |                      |                  | 0.700                                   | 7.53                               | 0.805                                   | 42.7                               | 4.87                         | 15.95                        | 2.5                                     | Clear           | Light grey   | N              |
| MW20S3   | 5/7/2014 13:40       |  | 46.47                        | 0.02                   |                      |                  | 0.700                                   | 7.53                               | 0.807                                   | 43.2                               | 4.78                         | 16.03                        | 2.6                                     | Clear           | Light grey   | N              |

TABLE 4

**SUMMARY OF MONITORING WELL PURGING PARAMETERS**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Sample Location</b> | <b>Date and Time</b> | <b>Static</b>                                |                                  | <b>Bailed Wells</b>        |                                    | <b>Pumping Rate<br/>(L/min)<sup>2</sup></b> | <b>pH<br/>(Std. Units)<sup>3</sup></b> | <b>Conductivity<br/>(mS/cm)<sup>4</sup></b> | <b>Turbidity<br/>(NTU)<sup>5</sup></b> | <b>DO<br/>(mg/L)<sup>6</sup></b> | <b>Temp<br/>(°C)<sup>7</sup></b> | <b>ORP<sup>8</sup><br/>(mV)<sup>9</sup></b> | <b>Clarity</b>  | <b>Color</b> | <b>Odor</b>    |
|------------------------|----------------------|--|----------------------------------|----------------------------|------------------------------------|---|--|---|--|----------------------------------|----------------------------------|---|-----------------|--------------|----------------|
|                        |                      | <b>Water Level<br/>(ft BTOC)<sup>1</sup></b> | <b>Water Level<br/>(ft BTOC)</b> | <b>Drawdown<br/>(Feet)</b> | <b>Volume Purged<br/>(Gallons)</b> |   |  |   |  |                                  |                                  |   |                 |              |                |
| MW21S1                 | 5/9/2014 13:40       | 42.71  | 42.78                            | 0.07                       |                                    | 0.500                                       | 7.16                                   | 4.172                                       | 1.21                                   | 3.16                             | 16.02                            | 68.4  | Clear           | N/A          | N              |
| MW21S1                 | 5/9/2014 13:45       |  | 42.78                            | 0.07                       |                                    | 0.500                                       | 7.08                                   | 4.315                                       | 0.81                                   | 2.70                             | 15.86                            | 67.0  | Clear           | N/A          | N              |
| MW21S1                 | 5/9/2014 13:50       |  | 42.78                            | 0.07                       |                                    | 0.500                                       | 7.08                                   | 4.306                                       | 0.68                                   | 2.62                             | 15.82                            | 73.0  | Clear           | N/A          | N              |
| MW21S1                 | 5/9/2014 13:55       |  | 42.78                            | 0.07                       |                                    | 0.500                                       | 7.10                                   | 4.324                                       | 0.71                                   | 2.64                             | 15.79                            | 73.3  | Clear           | N/A          | N              |
| MW21S3                 | 5/9/2014 13:10       | 42.10  | 42.10                            | 0.00                       |                                    | 0.900                                       | 6.87                                   | 0.747                                       | 4.15                                   | 6.49                             | 15.75                            | 158.5                                       | Clear           | N/A          | N              |
| MW21S3                 | 5/9/2014 13:15       |  | 42.11                            | 0.01                       |                                    | 0.900                                       | 6.80                                   | 0.740                                       | 1.87                                   | 6.49                             | 15.69                            | 150.7                                       | Clear           | N/A          | N              |
| MW21S3                 | 5/9/2014 13:20       |  | 42.11                            | 0.01                       |                                    | 0.900                                       | 6.80                                   | 0.738                                       | 1.72                                   | 6.59                             | 15.68                            | 146.4                                       | Clear           | N/A          | N              |
| MW21S3                 | 5/9/2014 13:25       |  | 42.11                            | 0.01                       |                                    | 0.900                                       | 6.80                                   | 0.737                                       | 1.38                                   | 6.61                             | 15.69                            | 149.4                                       | Clear           | N/A          | N              |
| MW22S1                 | 5/7/2014 8:25        | 48.21  | 48.24                            | 0.03                       |                                    | 0.500                                       | 6.61                                   | 1.648                                       | 5.33                                   | 2.65                             | 15.02                            | 69.9  | Clear           | N/A          | N              |
| MW22S1                 | 5/7/2014 8:30        |  | 48.28                            | 0.07                       |                                    | 0.500                                       | 6.55                                   | 1.661                                       | 5.93                                   | 2.10                             | 14.89                            | 85.8  | Clear           | N/A          | N              |
| MW22S1                 | 5/7/2014 8:35        |  | 48.31                            | 0.10                       |                                    | 0.500                                       | 7.00                                   | 1.763                                       | 5.49                                   | 1.63                             | 14.89                            | 82.2  | Clear           | N/A          | N              |
| MW22S1                 | 5/7/2014 8:40        |  | 48.31                            | 0.10                       |                                    | 0.500                                       | 7.14                                   | 1.770                                       | 5.27                                   | 1.75                             | 14.90                            | 81.1  | Clear           | N/A          | N              |
| MW22S1                 | 5/7/2014 8:45        |  | 48.31                            | 0.10                       |                                    | 0.500                                       | 7.23                                   | 1.771                                       | 2.42                                   | 1.77                             | 14.92                            | 79.9  | Clear           | N/A          | N              |
| MW22S1                 | 5/7/2014 8:50        |  | 48.31                            | 0.10                       |                                    | 0.500                                       | 7.26                                   | 1.768                                       | 2.42                                   | 1.75                             | 14.92                            | 78.6  | Clear           | N/A          | N              |
| MW22S1                 | 5/7/2014 8:55        |  | 48.31                            | 0.10                       |                                    | 0.500                                       | 7.31                                   | 1.772                                       | 2.45                                   | 1.80                             | 14.98                            | 72.5  | Clear           | N/A          | N              |
| MW22S2                 | 5/20/2014 10:20      | 48.54  | 48.54                            | 0.00                       |                                    | 0.750                                       | 7.49                                   | 1.145                                       | 2.39                                   | 3.90                             | 17.31                            | 192.3                                       | Clear           | N/A          | Y, slight odor |
| MW22S2                 | 5/20/2014 10:25      |  | 48.54                            | 0.00                       |                                    | 0.750                                       | 7.58                                   | 1.087                                       | 11.5                                   | 2.38                             | 16.09                            | 180.8                                       | Clear           | N/A          | Y, slight odor |
| MW22S2                 | 5/20/2014 10:30      |  | 48.55                            | 0.01                       |                                    | 0.750                                       | 7.56                                   | 1.164                                       | 36.2                                   | 1.30                             | 16.18                            | 158.9                                       | Slightly Cloudy | Tan          | Y, slight odor |
| MW22S2                 | 5/20/2014 10:35      |  | 48.55                            | 0.01                       |                                    | 0.750                                       | 7.46                                   | 1.355                                       | 47.8                                   | 2.41                             | 16.04                            | 107.8                                       | Turbid          | Orange       | Y, slight odor |
| MW22S2                 | 5/20/2014 10:45      |  | 48.54                            | 0.00                       |                                    | 0.750                                       | 7.28                                   | 1.635                                       | 32.2                                   | 4.24                             | 15.83                            | 77.7  | Slightly Cloudy | Tan          | Y, slight odor |
| MW22S2                 | 5/20/2014 10:55      |  | 48.54                            | 0.00                       |                                    | 0.750                                       | 7.16                                   | 1.826                                       | 31.4                                   | 4.86                             | 15.89                            | 75.8  | Slightly Cloudy | Tan          | Y, slight odor |
| MW22S2                 | 5/20/2014 11:00      |  | 48.56                            | 0.02                       |                                    | 0.750                                       | 7.13                                   | 1.877                                       | 31.3                                   | 5.03                             | 15.93                            | 73.7  | Slightly Cloudy | Tan          | Y, slight odor |
| MW22S2                 | 5/20/2014 11:10      |  | 48.55                            | 0.01                       |                                    | 0.750                                       | 7.12                                   | 1.930                                       | 29.6                                   | 5.86                             | 15.87                            | 75.8  | Slightly Cloudy | Tan          | Y, slight odor |
| MW22S2                 | 5/20/2014 11:20      |  | 48.54                            | 0.00                       |                                    | 0.750                                       | 7.11                                   | 1.942                                       | 29.3                                   | 5.75                             | 15.92                            | 78.4  | Slightly Cloudy | Tan          | Y, slight odor |
| MW22S4                 | 5/7/2014 9:10        | 34.80  | --                               | --                         | 0.5                                | --  | 6.33                                   | 0.546                                       | --                                     | --                               | 15.07                            | --  | Turbid          | Tan          | N              |
| MW22S4                 | 5/7/2014 9:22        |  | --                               | --                         | 1.0                                | --  | 6.51                                   | 0.532                                       | --                                     | --                               | 14.99                            | --  | Turbid          | Tan          | N              |
| MW22S4                 | 5/7/2014 9:26        |  | --                               | --                         | 1.5                                | --  | 6.34                                   | 0.532                                       | --                                     | --                               | 15.01                            | --  | Turbid          | Tan          | N              |
| MW22S4                 | 5/7/2014 9:30        |  | --                               | --                         | 2.0                                | --  | 6.41                                   | 0.536                                       | --                                     | --                               | 15.03                            | --  | Turbid          | Tan          | N              |

TABLE 4

**SUMMARY OF MONITORING WELL PURGING PARAMETERS**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Sample Location</b> | <b>Date and Time</b> | <b>Static</b>                            |                              | <b>Bailed Wells</b>    |  |   |                                    |   |                                    |                              |                              |   |                 | <b>Clarity</b> | <b>Color</b>   | <b>Odor</b> |
|------------------------|----------------------|--|------------------------------|------------------------|--|---|------------------------------------|---|------------------------------------|------------------------------|------------------------------|---|-----------------|----------------|----------------|-------------|
|                        |                      | <b>Water Level (ft BTOC)<sup>1</sup></b> | <b>Water Level (ft BTOC)</b> | <b>Drawdown (Feet)</b> | <b>Volume Purged (Gallons)</b>   | <b>Pumping Rate (L/min)<sup>2</sup></b> | <b>pH (Std. Units)<sup>3</sup></b> | <b>Conductivity (mS/cm)<sup>4</sup></b> | <b>Turbidity (NTU)<sup>5</sup></b> | <b>DO (mg/L)<sup>6</sup></b> | <b>Temp (°C)<sup>7</sup></b> | <b>ORP<sup>8</sup> (mV)<sup>9</sup></b> |                 |                |                |             |
| MW24S1                 | 5/13/2014 9:55       | 61.66                                    | 61.68                        | 0.02                   |  | 0.275                                   | 7.42                               | 0.722                                   | 3.34                               | 1.07                         | 15.14                        | 68.8                                    | Clear           | N/A            | Y, slight odor |             |
| MW24S1                 | 5/13/2014 10:00      |  | 61.68                        | 0.02                   |  | 0.275                                   | 7.45                               | 0.726                                   | 5.45                               | 0.54                         | 15.17                        | 59.4                                    | Clear           | N/A            | Y, slight odor |             |
| MW24S1                 | 5/13/2014 10:05      |  | 61.68                        | 0.02                   |  | 0.275                                   | 7.47                               | 0.724                                   | 5.73                               | 0.37                         | 15.16                        | 49.7                                    | Clear           | N/A            | Y, slight odor |             |
| MW24S1                 | 5/13/2014 10:10      |  | 61.68                        | 0.02                   |  | 0.275                                   | 7.47                               | 0.719                                   | 4.92                               | 0.32                         | 15.49                        | 36.7                                    | Clear           | N/A            | Y, slight odor |             |
| MW24S1                 | 5/13/2014 10:15      |  | 61.68                        | 0.02                   |  | 0.275                                   | 7.47                               | 0.710                                   | 3.15                               | 0.31                         | 15.09                        | 25.8                                    | Clear           | N/A            | Y, slight odor |             |
| MW24S1                 | 5/13/2014 10:20      |  | 61.68                        | 0.02                   |  | 0.275                                   | 7.48                               | 0.708                                   | 3.52                               | 0.30                         | 15.18                        | 22.9                                    | Clear           | N/A            | Y, slight odor |             |
| MW24S1                 | 5/13/2014 10:25      |  | 61.68                        | 0.02                   |  | 0.275                                   | 7.48                               | 0.707                                   | 2.28                               | 0.29                         | 15.18                        | 23.5                                    | Clear           | N/A            | Y, slight odor |             |
| MW24S3                 | 5/13/2014 9:05       | 51.47                                    | 51.87                        | 0.40                   |  | 0.700                                   | 7.35                               | 0.905                                   | 2.06                               | 4.20                         | 14.92                        | 86.0                                    | Clear           | N/A            | Y, slight odor |             |
| MW24S3                 | 5/13/2014 9:10       |  | 52.94                        | 1.47                   |  | 0.700                                   | 7.31                               | 0.907                                   | 1.04                               | 2.78                         | 15.11                        | 85.1                                    | Clear           | N/A            | Y, slight odor |             |
| MW24S3                 | 5/13/2014 9:15       |  | 53.67                        | 2.20                   |  | 0.550                                   | --                                 | 0.907                                   | 0.97                               | 3.62                         | 15.05                        | 84.2                                    | Clear           | N/A            | Y, slight odor |             |
| MW24S3                 | 5/13/2014 9:20       |  | 54.50                        | 3.03                   |  | 0.225                                   | 7.33                               | 0.906                                   | 0.95                               | 3.59                         | 15.05                        | 83.8                                    | Clear           | N/A            | Y, slight odor |             |
| MW24S3                 | 5/13/2014 9:25       |  | 54.57                        | 3.10                   |  | 0.225                                   | 7.33                               | 0.905                                   | 1.06                               | 3.52                         | 14.80                        | 83.6                                    | Clear           | N/A            | Y, slight odor |             |
| MW24S3                 | 5/13/2014 9:30       |  | 54.62                        | 3.15                   |  | 0.225                                   | 7.32                               | 0.904                                   | 1.63                               | 3.62                         | 14.81                        | 83.5                                    | Clear           | N/A            | Y, slight odor |             |
| MW24S4                 |                      |  |                              |                        | Well bailed dry, removed 2.5 gallons. Sampled 5/14/14 at 8:55 upon 90% water level recovery. |   |                                    |   |                                    |                              |                              |   |                 |                |                |             |
| MW25S1                 | 5/12/2014 13:55      | 54.90                                    | 54.98                        | 0.08                   |  | 0.500                                   | 7.64                               | 0.725                                   | 3.50                               | 10.6                         | 14.01                        | -17.7                                   | Clear           | N/A            | N              |             |
| MW25S1                 | 5/12/2014 14:00      |  | 54.98                        | 0.08                   |  | 0.500                                   | 7.35                               | 0.741                                   | 2.18                               | 7.45                         | 15.19                        | 11.5                                    | Clear           | N/A            | N              |             |
| MW25S1                 | 5/12/2014 14:05      |  | 54.98                        | 0.08                   |  | 0.500                                   | 7.10                               | 0.854                                   | 14.0                               | 5.18                         | 15.13                        | 14.5                                    | Clear           | N/A            | N              |             |
| MW25S1                 | 5/12/2014 14:10      |  | 54.99                        | 0.09                   |  | 0.500                                   | 7.02                               | 0.751                                   | 9.35                               | 5.27                         | --                           | 18.2                                    | Clear           | N/A            | N              |             |
| MW25S1                 | 5/12/2014 14:15      |  | 54.99                        | 0.09                   |  | 0.500                                   | 7.00                               | 0.774                                   | 14.0                               | 5.13                         | 15.30                        | 22.5                                    | Clear           | N/A            | N              |             |
| MW25S1                 | 5/12/2014 14:20      |  | 54.99                        | 0.09                   |  | 0.500                                   | 6.99                               | 0.790                                   | 16.9                               | 5.05                         | 15.34                        | 26.9                                    | Clear           | N/A            | N              |             |
| MW25S1                 | 5/12/2014 14:25      |  | 54.99                        | 0.09                   |  | 0.500                                   | 7.00                               | 0.792                                   | 15.5                               | 5.13                         | 15.22                        | 30.9                                    | Clear           | N/A            | N              |             |
| MW25S1                 | 5/12/2014 14:30      |  | 54.99                        | 0.09                   |  | 0.500                                   | 7.00                               | 0.797                                   | 13.6                               | 5.20                         | 15.35                        | 34.6                                    | Clear           | N/A            | N              |             |
| MW25S1                 | 5/12/2014 14:35      |  | 54.99                        | 0.09                   |  | 0.500                                   | 7.00                               | 0.802                                   | 9.08                               | 5.23                         | 15.58                        | 37.2                                    | Clear           | N/A            | N              |             |
| MW26S1                 | 5/10/2014 13:15      | 50.55                                    | 50.57                        | 0.02                   |  | 0.500                                   | 6.76                               | 1.178                                   | 127                                | 0.74                         | 17.69                        | 92.1                                    | Turbid          | N/A            | N              |             |
| MW26S1                 | 5/10/2014 13:20      |  | 50.57                        | 0.02                   |  | 0.500                                   | 6.74                               | 1.150                                   | 62.6                               | 0.63                         | 17.17                        | 83.7                                    | Slightly Cloudy | Tan            | N              |             |
| MW26S1                 | 5/10/2014 13:25      |  | 50.57                        | 0.02                   |  | 0.500                                   | 6.76                               | 1.130                                   | 44.0                               | 0.89                         | 17.04                        | 80.5                                    | Slightly Cloudy | N/A            | N              |             |
| MW26S1                 | 5/10/2014 13:30      |  | 50.57                        | 0.02                   |  | 0.500                                   | 6.78                               | 1.124                                   | 34.3                               | 0.89                         | 17.01                        | 80.1                                    | Slightly Cloudy | N/A            | N              |             |
| MW26S1                 | 5/10/2014 13:35      |  | 50.57                        | 0.02                   |  | 0.500                                   | 6.79                               | 1.119                                   | 26.2                               | 0.76                         | 17.09                        | 79.4                                    | Slightly Cloudy | N/A            | N              |             |
| MW26S1                 | 5/10/2014 13:40      |  | 50.57                        | 0.02                   |  | 0.500                                   | 6.80                               | 1.120                                   | 24.8                               | 0.68                         | 17.03                        | 79.7                                    | Clear           | N/A            | N              |             |
| MW26S1                 | 5/10/2014 13:45      |  | 50.57                        | 0.02                   |  | 0.500                                   | 6.81                               | 1.119                                   | 22.8                               | 0.61                         | 16.95                        | 80.0                                    | Clear           | N/A            | N              |             |

TABLE 4

**SUMMARY OF MONITORING WELL PURGING PARAMETERS**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <i>Sample Location</i>            | <i>Date and Time</i> | <i>Static</i>                            |                              | <i>Bailed Wells</i> | <i>Volume Purged (Gallons)</i> | <i>Pumping Rate (L/min)<sup>2</sup></i> | <i>pH (Std. Units)<sup>3</sup></i> | <i>Conductivity (mS/cm)<sup>4</sup></i> | <i>Turbidity (NTU)<sup>5</sup></i> | <i>DO (mg/L)<sup>6</sup></i> | <i>Temp (°C)<sup>7</sup></i> | <i>ORP<sup>8</sup> (mV)<sup>9</sup></i> | <i>Clarity</i>  | <i>Color</i> | <i>Odor</i>    |
|-----------------------------------|----------------------|--|------------------------------|---------------------|--------------------------------|---|------------------------------------|---|------------------------------------|------------------------------|------------------------------|---|-----------------|--------------|----------------|
|                                   |                      | <i>Water Level (ft BTOC)<sup>1</sup></i> | <i>Water Level (ft BTOC)</i> |                     |                                |   |                                    |   |                                    |                              |                              |   |                 |              |                |
| MW26S3                            | 5/10/2014 11:20      | 50.58                                    | 50.58                        | 0.00                |                                | 0.500                                   | 6.92                               | 1.922                                   | 249                                | 7.48                         | 16.60                        | 179                                     | Slightly Cloudy | Tan          | N              |
| MW26S3                            | 5/10/2014 11:25      |  | 50.58                        | 0.00                |                                | 0.500                                   | 6.88                               | 2.009                                   | 241                                | 6.76                         | 16.47                        | 136.7                                   | Turbid          | Tan          | N              |
| MW26S3                            | 5/10/2014 11:30      |  | 50.58                        | 0.00                |                                | 0.500                                   | 6.87                               | 1.984                                   | 76.9                               | 6.87                         | 16.47                        | 120.7                                   | Turbid          | Tan          | N              |
| MW26S3                            | 5/10/2014 11:35      |  | 50.58                        | 0.00                |                                | 0.500                                   | 6.87                               | 1.935                                   | 33.4                               | 7.09                         | 16.63                        | 122.5                                   | Slightly Cloudy | Tan          | N              |
| MW26S3                            | 5/10/2014 11:40      |  | 50.58                        | 0.00                |                                | 0.500                                   | 6.87                               | 1.890                                   | 14.6                               | 7.42                         | 16.60                        | 125.3                                   | Slightly Cloudy | N/A          | N              |
| MW26S3                            | 5/10/2014 11:45      |  | 50.58                        | 0.00                |                                | 0.500                                   | 6.86                               | 1.861                                   | 7.72                               | 7.22                         | 16.59                        | 129.0                                   | Clear           | N/A          | N              |
| MW26S3                            | 5/10/2014 11:50      |  | 50.58                        | 0.00                |                                | 0.500                                   | 6.86                               | 1.845                                   | 4.05                               | 7.23                         | 16.51                        | 129.9                                   | Clear           | N/A          | N              |
| MW26S3                            | 5/10/2014 12:00      |  | 50.58                        | 0.00                |                                | 0.500                                   | 6.86                               | 1.843                                   | 2.44                               | 7.33                         | 16.70                        | 130.2                                   | Clear           | N/A          | N              |
| MW28S1                            | 5/9/2014 10:40       | 56.71                                    | 56.94                        | 0.23                |                                | 0.700                                   | 7.93                               | 0.694                                   | 8.83                               | 4.77                         | 15.76                        | -24.0                                   | Clear           | N/A          | N              |
| MW28S1                            | 5/9/2014 10:45       |  | 56.95                        | 0.24                |                                | 0.700                                   | 7.75                               | 0.705                                   | 1.47                               | 0.36                         | 15.52                        | -10.6                                   | Clear           | N/A          | N              |
| MW28S1                            | 5/9/2014 10:50       |  | 56.95                        | 0.24                |                                | 0.700                                   | 7.73                               | 0.706                                   | 1.31                               | 0.22                         | 15.49                        | -8.4                                    | Clear           | N/A          | N              |
| MW28S1                            | 5/9/2014 10:55       |  | 56.94                        | 0.23                |                                | 0.700                                   | 7.72                               | 0.707                                   | 1.38                               | 0.20                         | 15.47                        | -7.9                                    | Clear           | N/A          | N              |
| MW28S1                            | 5/9/2014 11:00       |  | 57.00                        | 0.29                |                                | 0.700                                   | 7.72                               | 0.706                                   | 1.78                               | 0.19                         | 15.47                        | -7.8                                    | Clear           | N/A          | N              |
| MW28S2                            | 5/9/2014 9:30        | 52.11                                    | 52.25                        | 0.14                |                                | 0.850                                   | 7.18                               | 6.836                                   | 37.9                               | 2.95                         | 15.39                        | 41.1                                    | Slightly Cloudy | White        | Y              |
| MW28S2                            | 5/9/2014 9:35        |  | 52.30                        | 0.19                |                                | 0.850                                   | 7.69                               | 1.770                                   | 12.2                               | 1.89                         | 15.28                        | 14.4                                    | Slightly Cloudy | White        | Y              |
| MW28S2                            | 5/9/2014 9:40        |  | 52.30                        | 0.19                |                                | 0.850                                   | 7.66                               | 1.653                                   | 9.20                               | 1.74                         | 15.27                        | 7.2                                     | Slightly Cloudy | Grey         | Y              |
| MW28S2                            | 5/9/2014 9:45        |  | 52.30                        | 0.19                |                                | 0.850                                   | 7.63                               | 1.610                                   | 6.23                               | 1.91                         | 15.26                        | 2.3                                     | Clear           | Grey         | Y              |
| MW28S2                            | 5/9/2014 9:50        |  | 52.30                        | 0.19                |                                | 0.850                                   | 7.65                               | 1.555                                   | 1.74                               | 1.68                         | 15.25                        | 0.0                                     | Clear           | N/A          | Y              |
| MW28S2                            | 5/9/2014 9:55        |  | 52.30                        | 0.19                |                                | 0.850                                   | 7.66                               | 1.568                                   | 3.75                               | 1.64                         | 15.24                        | -1.2                                    | Clear           | N/A          | Y              |
| MW28S2                            | 5/9/2014 10:05       |  | 52.31                        | 0.20                |                                | 0.850                                   | 7.68                               | 1.545                                   | 3.02                               | 1.74                         | 15.24                        | -3.4                                    | Clear           | N/A          | Y              |
| MW28S2                            | 5/9/2014 10:10       |  | 52.31                        | 0.20                |                                | 0.850                                   | 7.68                               | 1.542                                   | 2.85                               | 1.75                         | 15.29                        | -5.0                                    | Clear           | N/A          | Y              |
| MW28S2                            | 5/9/2014 10:15       |  | 52.31                        | 0.20                |                                | 0.850                                   | 7.67                               | 1.543                                   | 2.09                               | 1.72                         | 15.29                        | -6.3                                    | Clear           | N/A          | Y              |
| Air bubbles in flow-through cell. |                      |  |                              |                     |                                |   |                                    |   |                                    |                              |                              |   |                 |              |                |
| MW28S3                            | 5/9/2014 8:35        | 52.04                                    | 52.07                        | 0.03                |                                | 0.750                                   | 7.05                               | 0.914                                   | 130                                | 7.19                         | 15.25                        | 7.2                                     | Turbid          | Orange       | Y, slight odor |
| MW28S3                            | 5/9/2014 8:40        |  | 52.06                        | 0.02                |                                | 0.750                                   | 7.13                               | 0.431                                   | 11.06                              | 7.57                         | 15.38                        | 17.5                                    | Clear           | Orange       | Y, slight odor |
| MW28S3                            | 5/9/2014 8:45        |  | 52.06                        | 0.02                |                                | 0.750                                   | 7.11                               | 0.405                                   | 2.82                               | 7.52                         | 15.41                        | 29.0                                    | Clear           | N/A          | Y, slight odor |
| MW28S3                            | 5/9/2014 8:50        |  | 52.07                        | 0.03                |                                | 0.750                                   | 7.18                               | 0.401                                   | 2.05                               | 7.39                         | 15.39                        | 41.2                                    | Clear           | N/A          | Y, slight odor |
| MW28S3                            | 5/9/2014 8:55        |  | 52.07                        | 0.03                |                                | 0.750                                   | 7.18                               | 0.399                                   | 1.47                               | 7.28                         | 15.44                        | 49.2                                    | Clear           | N/A          | Y, slight odor |
| MW28S3                            | 5/9/2014 9:00        |  | 52.06                        | 0.02                |                                | 0.750                                   | 7.18                               | 0.398                                   | 1.32                               | 7.20                         | 15.47                        | 49.9                                    | Clear           | N/A          | Y, slight odor |
| MW29S1                            | 5/19/2014 14:20      | 58.36                                    | 58.40                        | 0.04                |                                | 0.500                                   | 7.22                               | 3.477                                   | 97.6                               | 2.01                         | 20.73                        | 68.4                                    | Turbid          | Tan          | Y, slight odor |
| MW29S1                            | 5/19/2014 14:25      |  | 58.42                        | 0.06                |                                | 0.500                                   | 7.33                               | 3.544                                   | 30.3                               | 0.73                         | 18.30                        | 72.7                                    | Slightly Cloudy | Tan          | Y, slight odor |
| MW29S1                            | 5/19/2014 14:30      |  | 58.41                        | 0.05                |                                | 0.500                                   | 7.33                               | 3.533                                   | 10.5                               | 0.60                         | 18.52                        | 73.4                                    | Slightly Cloudy | Tan          | Y, slight odor |
| MW29S1                            | 5/19/2014 14:35      |  | 58.40                        | 0.04                |                                | 0.500                                   | 7.28                               | 3.493                                   | 8.26                               | 0.55                         | 18.40                        | 73.7                                    | Clear           | N/A          | Y, slight odor |
| MW29S1                            | 5/19/2014 14:40      |  | 58.40                        | 0.04                |                                | 0.500                                   | 7.27                               | 3.498                                   | 6.01                               | 0.53                         | 18.70                        | 73.7                                    | Clear           | N/A          | Y, slight odor |
| MW29S1                            | 5/19/2014 14:45      |  | 58.41                        | 0.05                |                                | 0.500                                   | 7.26                               | 3.496                                   | 3.56                               | 0.52                         | 18.71                        | 73.7                                    | Clear           | N/A          | Y, slight odor |

TABLE 4

**SUMMARY OF MONITORING WELL PURGING PARAMETERS**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Sample Location</b> | <b>Date and Time</b> | <b>Static</b>                                |                                 | <b>Bailed Wells</b>       |                                   | <b>Pumping Rate</b><br>(L/min) <sup>2</sup> | <b>pH</b><br>(Std. Units) <sup>3</sup> | <b>Conductivity</b><br>(mS/cm) <sup>4</sup> | <b>Turbidity</b><br>(NTU) <sup>5</sup> | <b>DO</b><br>(mg/L) <sup>6</sup> | <b>Temp</b><br>(°C) <sup>7</sup> | <b>ORP<sup>8</sup></b><br>(mV) <sup>9</sup> | <b>Clarity</b>  | <b>Color</b> | <b>Odor</b>    |
|------------------------|----------------------|--|---------------------------------|---------------------------|-----------------------------------|---|--|---|--|----------------------------------|----------------------------------|---|-----------------|--------------|----------------|
|                        |                      | <b>Water Level</b><br>(ft BTOC) <sup>1</sup> | <b>Water Level</b><br>(ft BTOC) | <b>Drawdown</b><br>(Feet) | <b>Volume Purged</b><br>(Gallons) |   |  |   |  |                                  |                                  |   |                 |              |                |
| MW29S2                 | 5/9/2014 14:35       | 49.18  | 49.75                           | 0.57                      |                                   | 0.550                                       | 7.29                                   | 13.71                                       | 4.71                                   | 4.40                             | 16.90                            | 4.1   | Clear           | N/A          | Y, strong odor |
| MW29S2                 | 5/9/2014 14:45       |  | 49.50                           | 0.32                      |                                   | 0.550                                       | 7.10                                   | 12.93                                       | 1.27                                   | 0.48                             | 17.35                            | -25.6                                       | Clear           | N/A          | Y, strong odor |
| MW29S2                 | 5/9/2014 14:50       |  | 49.40                           | 0.22                      |                                   | 0.550                                       | 7.04                                   | 12.90                                       | 0.66                                   | 0.47                             | 17.84                            | -30.9                                       | Clear           | N/A          | Y, strong odor |
| MW29S2                 | 5/9/2014 14:55       |  | 49.67                           | 0.49                      |                                   | 0.550                                       | 7.00                                   | 12.79                                       | 0.84                                   | 0.52                             | 18.59                            | -30.8                                       | Clear           | N/A          | Y, strong odor |
| MW29S2                 | 5/9/2014 15:00       |  | 49.87                           | 0.69                      |                                   | 0.550                                       | 7.07                                   | 12.73                                       | 0.64                                   | 0.48                             | 16.59                            | -35.5                                       | Clear           | N/A          | Y, strong odor |
| MW29S2                 | 5/9/2014 15:05       |  | 49.80                           | 0.62                      |                                   | 0.550                                       | 7.08                                   | 12.52                                       | 0.44                                   | 0.40                             | 16.48                            | -35.4                                       | Clear           | N/A          | Y, strong odor |
| MW29S2                 | 5/9/2014 15:10       |  | 49.81                           | 0.63                      |                                   | 0.550                                       | 7.06                                   | 12.44                                       | 0.40                                   | 0.38                             | 16.74                            | -34.7                                       | Clear           | N/A          | Y, strong odor |
| MW29S2                 | 5/9/2014 15:15       |  | 49.79                           | 0.61                      |                                   | 0.550                                       | 7.07                                   | 12.44                                       | 0.35                                   | 0.38                             | 16.69                            | -34.9                                       | Clear           | N/A          | Y, strong odor |
| MW29S2                 | 5/9/2014 15:20       |  | 49.84                           | 0.66                      |                                   | 0.550                                       | 7.06                                   | 12.43                                       | 0.32                                   | 0.36                             | 16.73                            | -34.6                                       | Clear           | N/A          | Y, strong odor |
|                        |                      |  |                                 |                           |                                   |   |  |   | Strong sulfur odor.                    |                                  |                                  |   |                 |              |                |
| MW29S3                 | 5/19/2014 13:35      | 49.00  | 49.10                           | 0.10                      |                                   | 0.600                                       | 7.90                                   | 4.424                                       | 5.41                                   | 3.75                             | 17.56                            | -84.1                                       | Clear           | N/A          | Y, strong odor |
| MW29S3                 | 5/19/2014 13:40      |  | 49.10                           | 0.10                      |                                   | 0.600                                       | 8.09                                   | 4.400                                       | 11.9                                   | 2.05                             | 16.83                            | -104.9                                      | Clear           | N/A          | Y, strong odor |
| MW29S3                 | 5/19/2014 13:45      |  | 49.10                           | 0.10                      |                                   | 0.600                                       | 8.09                                   | 4.396                                       | --                                     | 1.25                             | 16.76                            | -108.5                                      | Clear           | N/A          | Y, strong odor |
| MW29S3                 | 5/19/2014 13:50      |  | 49.10                           | 0.10                      |                                   | 0.600                                       | 8.05                                   | 4.393                                       | 12.0                                   | 0.93                             | 16.72                            | -109.8                                      | Clear           | N/A          | Y, strong odor |
| MW29S3                 | 5/19/2014 13:55      |  | 49.10                           | 0.10                      |                                   | 0.600                                       | 8.06                                   | 4.393                                       | 8.19                                   | 0.92                             | 16.73                            | -110.0                                      | Clear           | N/A          | Y, strong odor |
| MW30S1                 | 5/11/2014 13:30      | 55.20  | 55.21                           | 0.01                      |                                   | 0.750                                       | 7.11                                   | 2.370                                       | 91.0                                   | 2.18                             | 19.21                            | --  | Slightly Cloudy | Tan          | Y, strong odor |
| MW30S1                 | 5/11/2014 13:35      |  | 55.21                           | 0.01                      |                                   | 0.750                                       | 7.13                                   | 2.400                                       | 515                                    | 1.10                             | 17.76                            | 50.7  | Turbid          | Orange       | Y, strong odor |
| MW30S1                 | 5/11/2014 13:45      |  | 55.22                           | 0.02                      |                                   | 0.750                                       | 7.03                                   | 2.389                                       | 113                                    | 0.89                             | 17.61                            | 38.5  | Slightly Cloudy | Orange       | Y, strong odor |
| MW30S1                 | 5/11/2014 13:55      |  | 55.23                           | 0.03                      |                                   | 0.750                                       | 7.00                                   | 2.398                                       | 77.5                                   | 1.15                             | 18.47                            | 38.6  | Slightly Cloudy | Orange       | Y, strong odor |
| MW30S1                 | 5/11/2014 14:00      |  | 55.22                           | 0.02                      |                                   | 0.750                                       | 7.01                                   | 2.397                                       | 64.8                                   | 1.15                             | 18.29                            | 38.7  | Slightly Cloudy | Orange       | Y, strong odor |
| MW30S1                 | 5/11/2014 14:05      |  | 55.22                           | 0.02                      |                                   | 0.750                                       | 7.01                                   | 2.397                                       | 52.2                                   | 1.19                             | 18.33                            | 38.6  | Slightly Cloudy | Orange       | Y, strong odor |
| MW30S1                 | 5/11/2014 14:10      |  | 55.24                           | 0.04                      |                                   | 0.750                                       | 7.03                                   | 2.404                                       | 37.1                                   | 1.06                             | 17.58                            | 37.2  | Slightly Cloudy | Orange       | Y, strong odor |
| MW30S1                 | 5/11/2014 14:15      |  | 55.24                           | 0.04                      |                                   | 0.750                                       | 7.04                                   | 2.403                                       | 37.8                                   | 1.08                             | 17.56                            | 36.6  | Slightly Cloudy | Orange       | Y, strong odor |
| MW30S1                 | 5/11/2014 14:20      |  | 55.23                           | 0.03                      |                                   | 0.750                                       | 7.04                                   | 2.400                                       | 38.2                                   | 1.06                             | 17.51                            | 36.9  | Slightly Cloudy | Orange       | Y, strong odor |
| MW30S3                 | 5/11/2014 12:45      | 51.02  | 51.04                           | 0.02                      |                                   | 0.800                                       | 7.35                                   | 2.790                                       | 181                                    | 7.15                             | 19.75                            | 16.8  | Turbid          | Orange       | Y, strong odor |
| MW30S3                 | 5/11/2014 12:50      |  | 51.03                           | 0.01                      |                                   | 0.800                                       | 7.03                                   | 2.647                                       | 113                                    | 2.28                             | 18.84                            | 20.8  | Turbid          | Orange       | Y, strong odor |
| MW30S3                 | 5/11/2014 12:55      |  | 51.04                           | 0.02                      |                                   | 0.800                                       | 6.97                                   | 2.629                                       | 72.5                                   | 2.01                             | 18.55                            | 25.7  | Slightly Cloudy | Orange       | Y, strong odor |
| MW30S3                 | 5/11/2014 13:00      |  | 51.04                           | 0.02                      |                                   | 0.800                                       | 6.94                                   | 2.626                                       | 33.7                                   | 2.00                             | 18.59                            | 27.4  | Slightly Cloudy | Orange       | Y, strong odor |
| MW30S3                 | 5/11/2014 13:05      |  | 51.05                           | 0.03                      |                                   | 0.800                                       | 6.93                                   | 2.624                                       | 13.6                                   | 2.25                             | 18.95                            | 30.1  | Clear           | Orange       | Y, strong odor |
| MW30S3                 | 5/11/2014 13:10      |  | 51.04                           | 0.02                      |                                   | 0.800                                       | 6.92                                   | 2.626                                       | 8.39                                   | 2.25                             | 19.13                            | 31.6  | Clear           | Orange       | Y, strong odor |

TABLE 4

**SUMMARY OF MONITORING WELL PURGING PARAMETERS**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Sample Location</b> | <b>Date and Time</b> | <b>Static</b>                                      |  | <b>Bailed Wells</b>              |  |   |  |   |  |  |  |   |                 | <b>Clarity</b> | <b>Color</b> | <b>Odor</b> |
|------------------------|----------------------|--|--|----------------------------------|--|---|--|---|--|--|--|---|-----------------|----------------|--------------|-------------|
|                        |                      | <b>Water Level</b><br><b>(ft BTOC)<sup>1</sup></b> | <b>Water Level</b><br><b>(ft BTOC)</b> | <b>Drawdown</b><br><b>(Feet)</b> | <b>Volume Purged</b><br><b>(Gallons)</b> | <b>Pumping Rate</b><br><b>(L/min)<sup>2</sup></b> | <b>pH</b><br><b>(Std. Units)<sup>3</sup></b> | <b>Conductivity</b><br><b>(mS/cm)<sup>4</sup></b> | <b>Turbidity</b><br><b>(NTU)<sup>5</sup></b> | <b>DO</b><br><b>(mg/L)<sup>6</sup></b> | <b>Temp</b><br><b>(°C)<sup>7</sup></b> | <b>ORP<sup>8</sup></b><br><b>(mV)<sup>9</sup></b> |                 |                |              |             |
| MW31S1                 | 5/8/2014 10:10       | 37.46  | 37.47                                  | 0.01                             |  | 0.250   | 7.71   | 1.316   | 3.24   | 2.11                                   | 16.40                                  | 63.3  | Clear           | N/A            | N            |             |
| MW31S1                 | 5/8/2014 10:15       |  | 37.47                                  | 0.01                             |  | 0.250   | 7.64   | 1.268   | 4.72   | 0.64                                   | 16.33                                  | 60.2  | Clear           | N/A            | N            |             |
| MW31S1                 | 5/8/2014 10:20       |  | 37.46                                  | 0.00                             |  | 0.250   | 7.61   | 1.320   | 5.00   | 0.37                                   | 16.31                                  | 57.7  | Clear           | N/A            | N            |             |
| MW31S1                 | 5/8/2014 10:25       |  | 37.47                                  | 0.01                             |  | 0.250   | 7.59   | 1.371   | 4.72   | 0.34                                   | 16.33                                  | 55.0  | Clear           | N/A            | N            |             |
| MW31S1                 | 5/8/2014 10:30       |  | 37.48                                  | 0.02                             |  | 0.250   | 7.58   | 1.385   | 3.43   | 0.33                                   | 16.61                                  | 51.7  | Clear           | N/A            | N            |             |
| MW31S1                 | 5/8/2014 10:35       |  | 37.47                                  | 0.01                             |  | 0.250   | 7.57   | 1.386   | 2.54   | 0.32                                   | 16.89                                  | 45.5  | Clear           | N/A            | N            |             |
| MW31S1                 | 5/8/2014 10:40       |  | 37.46                                  | 0.00                             |  | 0.250   | 7.58   | 1.384   | 2.85   | 0.31                                   | 17.34                                  | 41.8  | Clear           | N/A            | N            |             |
| MW32S1                 | 5/8/2014 11:20       | 47.14  | 47.16                                  | 0.02                             |  | 0.750   | 7.69   | 3.520   | 67.5   | 4.00                                   | 15.79                                  | 20.8  | Turbid          | Brown          | Y            |             |
| MW32S1                 | 5/8/2014 11:30       |  | 47.16                                  | 0.02                             |  | 0.750   | 7.35   | 3.800   | 168  | 4.08                                   | 16.03                                  | 27.9  | Turbid          | Brown          | Y            |             |
| MW32S1                 | 5/8/2014 11:35       |  | 47.15                                  | 0.01                             |  | 0.750   | 7.33   | 3.757   | 53.0   | 3.86                                   | 15.93                                  | 22.4  | Slightly Cloudy | Tan            | Y            |             |
| MW32S1                 | 5/8/2014 11:40       |  | 47.15                                  | 0.01                             |  | 0.750   | 7.31   | 3.744   | 42.4   | 3.70                                   | 15.95                                  | 15.5  | Slightly Cloudy | Grey           | Y            |             |
| MW32S1                 | 5/8/2014 11:45       |  | 47.15                                  | 0.01                             |  | 0.750   | 7.26   | 3.727   | 43.9   | 3.51                                   | 16.03                                  | 15.1  | Slightly Cloudy | Grey           | Y            |             |
| MW32S1                 | 5/8/2014 11:50       |  | 47.16                                  | 0.02                             |  | 0.750   | 7.24   | 3.724   | 43.9   | 3.40                                   | 15.95                                  | 16.0  | Slightly Cloudy | Grey           | Y            |             |
| MW32S1                 | 5/8/2014 11:55       |  | 47.15                                  | 0.01                             |  | 0.750   | 7.24   | 3.723   | 40.4   | 3.40                                   | 15.86                                  | 16.3  | Slightly Cloudy | Grey           | Y            |             |

<sup>1</sup> ft BTOC - feet below top of casing<sup>2</sup> L/min - liters per minute<sup>3</sup> Std. Units - standard units<sup>4</sup> mS/cm - microsiemens per centimeter<sup>5</sup> NTU - nephelometric turbidity units<sup>6</sup> mg/L - milligrams per liter<sup>7</sup> °C - degrees Celsius<sup>8</sup> ORP - oxidation-reduction potential<sup>9</sup> mV - millivolts<sup>10</sup> N/A - not applicable<sup>11</sup> - Y = Yes, N = No<sup>12</sup> -- Not Available

TABLE 5

**GROUNDWATER SAMPLE KEY**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Location</b> | <b>Sample ID</b>         | <b>Date Collected</b> | <b>Time Collected</b> | <b>QA/QC</b>       | <b>Analysis</b>   |
|-----------------|--------------------------|-----------------------|-----------------------|--------------------|---|
| AMW1            | WG-05122014-AK-AMW1      | 5/12/2014             | 11:30                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| AMW101D         | WG-05122014-JR-AMW101D   | 5/12/2014             | 9:45                  | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| AMW101I         | WG-05212014-AK-AMW101I   | 5/21/2014             | 15:35                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| AMW101S         | WG-05212014-AK-AMW101S   | 5/21/2014             | 16:10                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| AMW102D         | WG-05102014-AK-AMW102D   | 5/10/2014             | 10:30                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| AMW102S         | WG-05222014-AK-AMW102S   | 5/22/2014             | 9:15                  | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| AMW104          | WG-05202014-AK-AMW104    | 5/20/2014             | 11:15                 | MS/MSD             | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| AMW105D         | WG-05192014-AK-AMW105D   | 5/19/2014             | 14:15                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| AMW105S         | WG-05192014-AK-AMW105S   | 5/19/2014             | 14:55                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| AMW107D         | WG-05072014-AK-AMW107D   | 5/7/2014              | 16:00                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| AMW107S         | WG-05082014-AK-AMW107S   | 5/8/2014              | 8:50                  | WG-05082014-AK-FD2 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| AMW108D         | WG-05212014-AK-AMW108D   | 5/21/2014             | 11:35                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| AMW108S         | WG-05212014-AK-AMW108S   | 5/21/2014             | 10:00                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| AMW16D          | WG-05112014-AK-AMW16D    | 5/11/2014             | 9:25                  | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| AMW16S          | WG-05112014-AK-AMW16S    | 5/11/2014             | 10:10                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| AMW3            | WG-05202014-AK-AMW3      | 5/20/2014             | 13:55                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| AMW4D           | WG-05112014-AK-AMW4D     | 5/11/2014             | 10:55                 | WG-05112014-AK-FD4 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| AMW4S           | WG-05112014-AK-AMW4S     | 5/11/2014             | 11:35                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| AMW5D           | WG-05082014-AK-AMW5D     | 5/8/2014              | 10:10                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| AMW5S           | WG-05082014-AK-AMW5S     | 5/8/2014              | 9:35                  | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| AMW8D           | WG-05112014-AK-AMW8D     | 5/11/2014             | 13:40                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| AMW8S           | WG-05112014-AK-AMW8S     | 5/11/2014             | 14:55                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| APMW302S1       | WG-05102014-AK-APMW302S1 | 5/10/2014             | 17:15                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| APMW302S2       | WG-05102014-AK-APMW302S2 | 5/10/2014             | 16:30                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| APMW302S3       | WG-05102014-AK-APMW302S3 | 5/10/2014             | 15:45                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| IW29            | WG-05222014-JR-IW29      | 5/22/2014             | 13:25                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| IW30            | WG-05222014-JR-IW30      | 5/22/2014             | 12:30                 | WG-05222014-JR-FD7 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| IW31            | WG-05222014-JR-IW31      | 5/22/2014             | 12:15                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| IW32            | WG-05222014-JR-IW32      | 5/22/2014             | 12:00                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| IW35A           | WG-05222014-JR-IW35A     | 5/22/2014             | 13:55                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| IW35B           | WG-05222014-JR-IW35B     | 5/22/2014             | 13:40                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| IW36            | WG-06112014-JR-IW36      | 6/11/2014             | 12:50                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |

TABLE 5

**GROUNDWATER SAMPLE KEY**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Location</b> | <b>Sample ID</b>              | <b>Date Collected</b> | <b>Time Collected</b> | <b>QA/QC</b>       | <b>Analysis</b>   |
|-----------------|-------------------------------|-----------------------|-----------------------|--------------------|---|
| IW40            | WG-05222014-JR-IW40           | 5/22/2014             | 12:55                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| IW41            | WG-06112014-JR-IW41           | 6/11/2014             | 13:15                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| IW42            | WG-05222014-JR-IW42           | 5/22/2014             | 13:00                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| IW43            | WG-05222014-JR-IW43           | 5/22/2014             | 12:45                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| IW44            | WG-05222014-JR-IW44           | 5/22/2014             | 12:20                 | MS/MSD             | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| IW45            | WG-05222014-JR-IW45           | 5/22/2014             | 13:15                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| IW46            | WG-05222014-JR-IW46           | 5/22/2014             | 11:55                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW02S1          | WG-05062014-AK-MW02S1         | 5/6/2014              | 15:30                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW02S2          | WG-05062014-AK-MW02S2         | 5/6/2014              | 17:05                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW03S1          | WG-05082014-AK-MW03S1         | 5/8/2014              | 12:25                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW05S3          | WG-051212014-JR-MW05S3        | 5/21/2014             | 9:20                  | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW05S4          | Well dry, no sample collected | --                    | --                    | --                 | --  |
| MW06S1          | WG-05102014-JR-MW06S1         | 5/10/2014             | 14:40                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW06S3          | WG-05102014-JR-MW06S3         | 5/10/2014             | 14:10                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW07S1          | WG-05132014-JR-MW07S1         | 5/13/2014             | 12:10                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW07S2          | WG-05132014-JR-MW07S2         | 5/13/2014             | 13:20                 | WG-05132014-JR-FD5 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW07S3          | WG-05132014-JR-MW07S3         | 5/13/2014             | 14:10                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW08S1          | WG-05112014-JR-MW08S1         | 5/11/2014             | 11:00                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW08S2          | WG-05112014-JR-MW08S2         | 5/11/2014             | 9:50                  | MS/MSD             | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW08S3          | WG-05112014-JR-MW08S3         | 5/11/2014             | 11:35                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW08S4          | Well dry, no sample collected | --                    | --                    | --                 | --  |
| MW09S1          | WG-05122014-AK-MW09S1         | 5/12/2014             | 9:55                  | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW09S3          | WG-05122014-AK-MW09S3         | 5/12/2014             | 9:00                  | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW09S4          | Well dry, no sample collected | --                    | --                    | --                 | --  |
| MW10S1          | WG-05082014-JR-MW10S1         | 5/8/2014              | 14:55                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW10S2          | WG-05082014-JR-MW10S2         | 5/8/2014              | 14:05                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW10S3          | WG-05082014-JR-MW10S3         | 5/8/2014              | 15:45                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW11S3          | WG-05122014-JR-MW11S3         | 5/12/2014             | 16:10                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW11S1          | WG-05122014-JR-MW11S1         | 5/12/2014             | 15:20                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW11S1          | WG-05072014-JR-MW11S1         | 5/7/2014              | 10:00                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW11S3A         | WG-05072014-JR-MW11S3A        | 5/7/2014              | 8:45                  | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW12S1A         | WG-05202014-AK-MW12S1A        | 5/20/2014             | 15:45                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |

TABLE 5

**GROUNDWATER SAMPLE KEY**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <i>Location</i> | <i>Sample ID</i>  | <i>Date Collected</i> | <i>Time Collected</i> | <i>QA/QC</i> | <i>Analysis</i>   |
|-----------------|---|-----------------------|-----------------------|--------------|---|
| MW12S3          | WG-05222014-JR-MW12S3   | 5/22/2014             | 9:40                  | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW131S2         | WG-05062014-JR-MW131S2  | 5/6/2014              | 15:20                 | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW131S3         | WG-05062014-JR-MW131S3  | 5/6/2014              | 16:15                 | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW132S1         | WG-05082014-JR-MW132S1  | 5/8/2014              | 9:45                  | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW132S2/S3      | WG-05082014-JR-MW132S2/S3   | 5/8/2014              | 8:55                  | MS/MSD       | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW133S2/S3      | WG-05072014-JR-MW133S2/S3   | 5/7/2014              | 11:05                 | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW136S2/S3      | WG-05192014-AK-MW136S2/S3   | 5/19/2014             | 15:45                 | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW137S1         | WG-05132014-AK-MW137S1  | 5/13/2014             | 9:30                  | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW137S2         | WG-05142014-AK-MW137S2  | 5/14/2014             | 9:30                  | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW137S3         | WG-05132014-AK-MW137S3  | 5/13/2014             | 11:35                 | MS/MSD       | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW138S1         | WG-05122014-JR-MW138S1  | 5/12/2014             | 11:25                 | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW138S2/S3      | WG-05122014-JR-MW138S2/S3   | 5/12/2014             | 10:45                 | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW139S2/S3      | WG-05092014-AK-MW139S2/S3   | 5/9/2014              | 16:05                 | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW13S1          | WG-05082014-AK-MW13S1   | 5/8/2014              | 15:20                 | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW13S3          | WG-05082014-AK-MW13S3   | 5/8/2014              | 16:10                 | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW140S1         | WG-05082014-AK-MW140S1  | 5/8/2014              | 11:30                 | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW140S2/S3      | WG-05192014-JR-MW140S2/S3   | 5/19/2014             | 15:45                 | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW141S2/S3      | WG-05072014-AK-MW141S2/S3   | 5/7/2014              | 12:30                 | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW142S2/S3      | WG-05092014-AK-MW142S2/S3   | 5/9/2014              | 15:15                 | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW143S2/S3      | WG-05092014-JR-MW143S2/S3   | 5/9/2014              | 16:20                 | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW144S2/S3      | WG-05072014-JR-MW144S2/S3   | 5/7/2014              | 16:45                 | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW145S2/S3      | WG-05072014-JR-MW145S2/S3   | 5/7/2014              | 14:40                 | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW14S1          | WG-05062014-AK-MW14S1   | 5/6/2014              | 13:55                 | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW14S3          | WG-05072014-AK-MW14S3   | 5/7/2014              | 11:10                 | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW15S1          | Broken pump, cannot pull pump due to kinked casing; no sample collected | --                    | --                    | --           | --  |
| MW15S2          | WG-05202014-AK-MW15S2   | 5/20/2014             | 15:05                 | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW15S4          | WG-05092014-AK-MW15S4   | 5/9/2014              | 8:35                  | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW16S1A         | WG-05092014-AK-MW16S1A  | 5/9/2014              | 10:55                 | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW16S2SS        | WG-05142014-AK-MW16S2SS   | 5/14/2014             | 10:35                 | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW16S4R         | WG-05092014-AK-MW16S4R  | 5/9/2014              | 9:40                  | MS/MSD       | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW17S1          | WG-05102014-JR-MW17S1   | 5/10/2014             | 10:25                 | --           | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |

TABLE 5

**GROUNDWATER SAMPLE KEY**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Location</b> | <b>Sample ID</b>                         | <b>Date Collected</b> | <b>Time Collected</b> | <b>QA/QC</b>       | <b>Analysis</b>   |
|-----------------|--|-----------------------|-----------------------|--------------------|---|
| MW17S3A         | WG-05102014-JR-MW17S3A                   | 5/10/2014             | 11:05                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW17S3B         | WG-05102014-JR-MW17S3B                   | 5/10/2014             | 11:35                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW18S1          | WG-05212014-JR-MW18S1                    | 5/21/2014             | 13:30                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW18S3          | WG-05212014-JR-MW18S3                    | 5/21/2014             | 14:45                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW18S4          | Well dry, no sample collected            | --                    | --                    | --                 | --  |
| MW19S1          | WG-05202014-JR-MW19S1                    | 5/20/2014             | 16:50                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW19S2          | WG-05212014-JR-MW19S2                    | 5/21/2014             | 10:35                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW19S3          | Obstruction in well, no sample collected | --                    | --                    | --                 | --  |
| MW19S4          | WG-05212014-JR-MW19S4                    | 5/21/2014             | 15:10                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW20S1          | WG-05072014-JR-MW20S1                    | 5/7/2014              | 13:05                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW20S3          | WG-05072014-JR-MW20S3                    | 5/7/2014              | 13:45                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW21S1          | WG-05092014-AK-MW21S1                    | 5/9/2014              | 14:00                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW21S3          | WG-05092014-AK-MW21S3                    | 5/9/2014              | 13:30                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW21S4R         | Well dry, no sample collected            | --                    | --                    | --                 | --  |
| MW22S1          | WG-05072014-AK-MW22S1                    | 5/7/2014              | 8:55                  | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW22S2          | WG-05202014-JR-MW22S2                    | 5/20/2014             | 11:25                 | WG-05202014-JR-FD6 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW22S4          | WG-05072014-AK-MW22S4                    | 5/7/2014              | 9:35                  | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW24S1          | WG-05132014-JR-MW24S1                    | 5/13/2014             | 10:30                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW24S3          | WG-05132014-JR-MW24S3                    | 5/13/2014             | 9:35                  | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW24S4          | WG-05142014-JR-MW24S4                    | 5/14/2014             | 8:55                  | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW25S1          | WG-05122014-AK-MW25S1                    | 5/12/2014             | 14:40                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW26S1          | WG-05102014-AK-MW26S1                    | 5/10/2014             | 13:55                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW26S3          | WG-05102014-AK-MW26S3                    | 5/10/2014             | 12:05                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW27S1          | WG-06112014-JR-MW27S1                    | 6/11/2014             | 15:00                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW27S2          | WG-06112014-JR-MW27S2                    | 6/11/2014             | 14:45                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW28S1          | WG-05092014-JR-MW28S1                    | 5/9/2014              | 11:05                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW28S2          | WG-05092014-JR-MW28S2                    | 5/9/2014              | 10:20                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW28S3          | WG-05092014-JR-MW28S3                    | 5/9/2014              | 9:05                  | WG-05092014-JR-FD3 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW29S1          | WG-05192014-JR-MW29S1                    | 5/19/2014             | 14:50                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW29S2          | WG-05092014-JR-MW29S2                    | 5/9/2014              | 15:25                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW29S3          | WG-05192014-JR-MW29S3                    | 5/19/2014             | 14:00                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW30S1          | WG-05112014-JR-MW30S1                    | 5/11/2014             | 14:25                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |

TABLE 5

**GROUNDWATER SAMPLE KEY**  
**SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <i>Location</i> | <i>Sample ID</i>        | <i>Date Collected</i> | <i>Time Collected</i> | <i>QA/QC</i>       | <i>Analysis</i>   |
|-----------------|-------------------------|-----------------------|-----------------------|--------------------|---|
| MW30S3          | WG-05112014-JR-MW30S3   | 5/11/2014             | 13:15                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW31S1          | WG-05082014-JR-MW31S1   | 5/8/2014              | 10:45                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| MW32S1          | WG-05082014-JR-MW32S1   | 5/8/2014              | 12:00                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| BUILDERS WELL   | WG-05142014-JR-BUILDERS | 5/14/2014             | 11:00                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| DW-21           | WG-0611014-JR-DW-21     | 6/11/2014             | 11:00                 | MS/MSD             | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| DW-8            | WG-06112014-JR-DW-8     | 6/11/2014             | 10:45                 | --                 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |
| AP2800          | WG-06112014-JR-AP2800   | 6/11/2014             | 13:55                 | WG-06112014-JR-FD8 | VOCs, SVOCs, Pesticides, Herbicides, Chloride, Hardness |

## Notes:

QA/QC - Quality Assurance/Quality Control  
 VOCs - Volatile Organic Compounds  
 SVOCs - Semi-Volatile Organic Compounds  
 MS/MSD - Matrix Spike/Matrix Spike Duplicate  
 FD - Field Duplicate

TABLE 6

**ANALYTICAL RESULTS SUMMARY  
SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| <b>Sample Location:</b>                | <b>Sample ID:</b>      | <b>Sample Date:</b> |                          |             | <b>AMW1</b><br>WG-05122014-AK-AMW1 | <b>AMW3</b><br>WG-05202014-AK-AMW3 | <b>AMW4D</b><br>WG-05112014-AK-AMW4D | <b>AMW4D</b><br>WG-05112014-AK-FD4 | <b>AMW4S</b><br>WG-05112014-AK-AMW4S | <b>AMW5D</b><br>WG-05082014-AK-AMW5D | <b>AMW5S</b><br>WG-05082014-AK-AMW5S | <b>AMW8D</b><br>WG-05112014-AK-AMW8D |           |
|--|------------------------|---------------------|--------------------------|-------------|------------------------------------|------------------------------------|--------------------------------------|------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|-----------|
|  |                        |                     | <b>Criteria</b>          | <b>Type</b> | 5/12/2014                          | 5/20/2014                          | 5/11/2014                            | 5/11/2014                          | 5/11/2014                            | (Duplicate)                          | 5/8/2014                             | 5/8/2014                             | 5/11/2014 |
| <b>Parameters</b>                      | <b>Units</b>           |                     | <b>Number of Detects</b> |             |                                    |                                    |                                      |                                    |                                      |                                      |                                      |                                      |           |
| <b>Volatile Organic Compounds</b>      |                        |                     |                          |             |                                    |                                    |                                      |                                    |                                      |                                      |                                      |                                      |           |
| 1,1,1-Trichloroethane                  | µg/L                   | 200                 | MCL                      | 3           | 0.5 U                              | 0.5 U                              | 0.5 U                                | 0.5 U                              | 0.5 U                                | 0.5 U                                | 0.5 U                                | 0.5 U                                | 0.5 U     |
| 1,2-Dichloroethane                     | µg/L                   | 5                   | MCL                      | 10          | 0.5 U                              | 0.5 U                              | 0.5 U                                | 0.5 U                              | 0.5 U                                | 0.5 U                                | 1.7                                  | 0.5 U                                | 0.5 U     |
| 1,2-Dichloropropane                    | µg/L                   | 5                   | MCL                      | 4           | 0.5 U                              | 0.5 U                              | 0.5 U                                | 0.5 U                              | 0.5 U                                | 0.5 U                                | 0.5 U                                | 0.5 U                                | 0.5 U     |
| Benzene                                | µg/L                   | 5                   | MCL                      | 13          | 0.5 U                              | 0.5 U                              | 0.5 U                                | 0.5 U                              | 0.5 U                                | 0.5 U                                | 2.0                                  | 0.5 U                                | 0.5 U     |
| Carbon tetrachloride                   | µg/L                   | 5                   | MCL                      | 63          | 0.5 U                              | 0.5 U                              | 1.0                                  | 0.8                                | 0.5 U                                | 0.5 U                                | 0.5 U                                | 0.5 U                                | 0.5 U     |
| Chloroform (Trichloromethane)          | µg/L                   | 70                  | MCLG                     | 60          | 0.5 U                              | 0.5 U                              | 2.0                                  | 1.9                                | 0.6                                  | 0.5 U                                | 0.5 U                                | 0.5 U                                | 0.5 U     |
| Chloromethane (Methyl chloride)        | µg/L                   | 190                 | RSL                      | 0           | 0.5 U                              | 0.5 U                              | 0.5 U                                | 0.5 U                              | 0.5 U                                | 0.5 U                                | 0.5 U                                | 0.5 U                                | 0.5 U     |
| Methylene chloride                     | µg/L                   | 5                   | MCL                      | 10          | 0.5 U                              | 0.5 U                              | 0.5 U                                | 0.5 U                              | 0.5 U                                | 0.5 U                                | 0.5 U                                | 0.5 U                                | 0.5 U     |
| Tetrachloroethene                      | µg/L                   | 5                   | MCL                      | 42          | 0.5 U                              | 0.5 U                              | 7.2                                  | 6.7                                | 0.5 U                                | 0.5 U                                | 0.5 U                                | 0.5 U                                | 0.5 U     |
| Trichloroethene                        | µg/L                   | 5                   | MCL                      | 23          | 0.5 U                              | 0.5 U                              | 0.5 U                                | 0.5 U                              | 0.5 U                                | 0.5 U                                | 0.5 U                                | 0.5 U                                | 0.5 U     |
| Vinyl chloride                         | µg/L                   | 2                   | MCL                      | 3           | 0.5 U                              | 0.5 U                              | 0.5 U                                | 0.5 U                              | 0.5 U                                | 0.5 U                                | 24.9                                 | 0.5 U                                | 0.5 U     |
| <b>Semi-volatile Organic Compounds</b> |                        |                     |                          |             |                                    |                                    |                                      |                                    |                                      |                                      |                                      |                                      |           |
| 2,3,4,5-Tetrachlorophenol              | µg/L                   |                     |                          | 0           | 5.0 U                              | 5.0 U                              | 5.0 U                                | 5.0 U                              | 5.0 U                                | 5.0 U                                | 5.0 U                                | 5.0 U                                | 5.0 U     |
| 2,3,4,6-Tetrachlorophenol              | µg/L                   | 240                 | RSL                      | 10          | 5.0 U                              | 5.0 U                              | 5.0 U                                | 5.0 U                              | 5.0 U                                | 5.0 U                                | 5.0 U                                | 5.0 U                                | 5.0 U     |
| 2,4,5-Trichlorophenol                  | µg/L                   | 1200                | RSL                      | 0           | 5.0 U                              | 5.0 U                              | 5.0 U                                | 5.0 U                              | 5.0 U                                | 5.0 U                                | 5.0 U                                | 5.0 U                                | 5.0 U     |
| 2,4,6-Trichlorophenol                  | µg/L                   | 4                   | RSL                      | 17          | 5.0 U                              | 5.0 U                              | 5.0 U                                | 5.0 U                              | 5.0 U                                | 5.0 U                                | 5.0 U                                | 5.0 U                                | 5.0 U     |
| 2,4-Dichlorophenol                     | µg/L                   | 46                  | RSL                      | 17          | 5.0 U                              | 5.0 U                              | 5.0 U                                | 5.0 U                              | 5.0 U                                | 5.0 U                                | 5.0 U                                | 5.0 U                                | 5.0 U     |
| 2,5-Dichlorophenol                     | µg/L                   |                     |                          | 0           | 5.0 U                              | 5.0 U                              | 5.0 U                                | 5.0 U                              | 5.0 U                                | 5.0 U                                | 5.0 U                                | 5.0 U                                | 5.0 U     |
| 2,6-Dichlorophenol                     | µg/L                   |                     |                          | 13          | 5.0 U                              | 5.0 U                              | 5.0 U                                | 5.0 U                              | 5.0 U                                | 5.0 U                                | 5.0 U                                | 5.0 U                                | 5.0 U     |
| 2-Chlorophenol                         | µg/L                   | 91                  | RSL                      | 9           | 5.0 U                              | 5.0 U                              | 5.0 U                                | 5.0 U                              | 5.0 U                                | 5.0 U                                | 5.0 U                                | 5.0 U                                | 5.0 U     |
| 3/4-Chlorophenol                       | µg/L                   |                     |                          | 9           | 5.0 U                              | 5.0 U                              | 5.0 U                                | 5.0 U                              | 5.0 U                                | 5.0 U                                | 5.0 U                                | 5.0 U                                | 5.0 U     |
| alpha-BHC                              | µg/L                   | 0.0071              | RSL                      | 28          | 0.011 U                            | 0.011 U                            | 0.011 U                              | 0.011 U                            | 0.011 U                              | 0.011 U                              | 0.011 U                              | 0.011 U                              | 0.011 U   |
| beta-BHC                               | µg/L                   | 0.025               | RSL                      | 43          | 0.037 U                            | 0.037 U                            | 0.037 U                              | 0.037 U                            | 0.037 U                              | 0.037 U                              | 0.037 U                              | 0.037 U                              | 0.037 U   |
| delta-BHC                              | µg/L                   |                     |                          | 8           | 0.05 U                             | 0.05 U                             | 0.05 U                               | 0.05 U                             | 0.05 U                               | 0.05 U                               | 0.05 U                               | 0.05 U                               | 0.05 U    |
| gamma-BHC (lindane)                    | µg/L                   | 0.2                 | MCL                      | 11          | 0.052 U                            | 0.052 U                            | 0.052 U                              | 0.052 U                            | 0.052 U                              | 0.052 U                              | 0.052 U                              | 0.052 U                              | 0.052 U   |
| Hexachlorobenzene                      | µg/L                   | 1                   | MCL                      | 4           | 0.10 U                             | 0.10 U                             | 0.10 U                               | 0.10 U                             | 0.10 U                               | 0.10 U                               | 0.10 U                               | 0.10 U                               | 0.10 U    |
| Hexachlorobutadiene                    | µg/L                   | 0.3                 | RSL                      | 27          | 0.02 U                             | 0.02 U                             | 0.03                                 | 0.03                               | 0.02 U                               | 0.02 U                               | 0.02                                 | 0.02 U                               | 0.02 U    |
| Hexachloroethane                       | µg/L                   | 0.9                 | RSL                      | 29          | 0.02 U                             | 0.02 U                             | 0.02 U                               | 0.02 U                             | 0.02 U                               | 0.02 U                               | 0.02 U                               | 0.02 U                               | 0.02 U    |
| <b>Herbicides</b>                      |                        |                     |                          |             |                                    |                                    |                                      |                                    |                                      |                                      |                                      |                                      |           |
| 2,4-Dichlorophenoxyacetic acid (2,4-D) | µg/L                   | 70                  | MCL                      | 18          | 1.0 U                              | 1.0 U                              | 1.0 U                                | 1.0 U                              | 1.0 U                                | 1.0 U                                | 1.0 U                                | 1.0 U                                | 1.0 U     |
| Pentachlorophenol                      | µg/L                   | 1                   | MCL                      | 16          | 0.5 U                              | 0.5 U                              | 0.5 U                                | 0.5 U                              | 0.5 U                                | 0.5 U                                | 0.5 U                                | 0.5 U                                | 0.5 U     |
| <b>General Chemistry</b>               |                        |                     |                          |             |                                    |                                    |                                      |                                    |                                      |                                      |                                      |                                      |           |
| Chloride                               | mg/L                   | 250                 | MCL                      | 134         | 78                                 | 132                                | 92                                   | 92                                 | 148                                  | 131                                  | 106                                  | 109                                  |           |
| Hardness, calculation                  | mgCaCO <sub>3</sub> /L |                     |                          | 134         | 260                                | 332                                | 412                                  | 413                                | 419                                  | 343                                  | 405                                  | 356                                  |           |

TABLE 6

**ANALYTICAL RESULTS SUMMARY  
SPRING 2014  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS**

| <b>Sample Location:</b>                | <b>AMW8S</b>           |                 | <b>AMW16D</b>         |           | <b>AMW16S</b>         |           | <b>AMW101D</b>         |           | <b>AMW101I</b>         |           | <b>AMW101S</b>         |           | <b>AMW102D</b>         |           | <b>AMW102S</b>         |           |
|--|------------------------|-----------------|-----------------------|-----------|-----------------------|-----------|------------------------|-----------|------------------------|-----------|------------------------|-----------|------------------------|-----------|------------------------|-----------|
| <b>Sample ID:</b>                      | WG-05112014-AK-AMW8S   |                 | WG-05112014-AK-AMW16D |           | WG-05112014-AK-AMW16S |           | WG-05122014-JR-AMW101D |           | WG-05212014-AK-AMW101I |           | WG-05212014-AK-AMW101S |           | WG-05102014-AK-AMW102D |           | WG-05222014-AK-AMW102S |           |
| <b>Sample Date:</b>                    |                        | 5/11/2014       |                       | 5/11/2014 |                       | 5/11/2014 |                        | 5/12/2014 |                        | 5/21/2014 |                        | 5/21/2014 |                        | 5/10/2014 |                        | 5/22/2014 |
| <b>Parameters</b>                      | <b>Units</b>           | <b>Criteria</b> | <b>Type</b>           |           |                       |           |                        |           |                        |           |                        |           |                        |           |                        |           |
| <b>Volatile Organic Compounds</b>      |                        |                 |                       |           |                       |           |                        |           |                        |           |                        |           |                        |           |                        |           |
| 1,1,1-Trichloroethane                  | µg/L                   | 200             | MCL                   | 0.5 U     |                       | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |
| 1,2-Dichloroethane                     | µg/L                   | 5               | MCL                   | 0.5 U     |                       | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |
| 1,2-Dichloropropane                    | µg/L                   | 5               | MCL                   | 0.5 U     |                       | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |
| Benzene                                | µg/L                   | 5               | MCL                   | 5.6       |                       | 0.5 U     |                        | 1.2       |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |
| Carbon tetrachloride                   | µg/L                   | 5               | MCL                   | 0.5 U     |                       | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |
| Chloroform (Trichloromethane)          | µg/L                   | 70              | MCLG                  | 0.5 U     |                       | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |
| Chloromethane (Methyl chloride)        | µg/L                   | 190             | RSL                   | 0.5 U     |                       | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |
| Methylene chloride                     | µg/L                   | 5               | MCL                   | 0.5 U     |                       | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |
| Tetrachloroethene                      | µg/L                   | 5               | MCL                   | 0.5 U     |                       | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |
| Trichloroethene                        | µg/L                   | 5               | MCL                   | 0.5 U     |                       | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |
| Vinyl chloride                         | µg/L                   | 2               | MCL                   | 0.5 U     |                       | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |
| <b>Semi-volatile Organic Compounds</b> |                        |                 |                       |           |                       |           |                        |           |                        |           |                        |           |                        |           |                        |           |
| 2,3,4,5-Tetrachlorophenol              | µg/L                   |                 |                       | 5.0 U     |                       | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |
| 2,3,4,6-Tetrachlorophenol              | µg/L                   | 240             | RSL                   | 5.0 U     |                       | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |
| 2,4,5-Trichlorophenol                  | µg/L                   | 1200            | RSL                   | 5.0 U     |                       | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |
| 2,4,6-Trichlorophenol                  | µg/L                   | 4               | RSL                   | 5.0 U     |                       | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |
| 2,4-Dichlorophenol                     | µg/L                   | 46              | RSL                   | 5.0 U     |                       | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |
| 2,5-Dichlorophenol                     | µg/L                   |                 |                       | 5.0 U     |                       | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |
| 2,6-Dichlorophenol                     | µg/L                   |                 |                       | 5.0 U     |                       | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |
| 2-Chlorophenol                         | µg/L                   | 91              | RSL                   | 5.0 U     |                       | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |
| 3/4-Chlorophenol                       | µg/L                   |                 |                       | 5.0 U     |                       | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |                        | 5.0 U     |
| alpha-BHC                              | µg/L                   | 0.0071          | RSL                   | 0.011 U   |                       | 0.011 U   |                        | 0.011 U   |                        | 0.011 U   |                        | 0.011 U   |                        | 0.013 U   |                        | 0.011 U   |
| beta-BHC                               | µg/L                   | 0.025           | RSL                   | 0.037 U   |                       | 0.037 U   |                        | 0.037 U   |                        | 0.037 U   |                        | 0.037 U   |                        | 0.037 U   |                        | 0.037 U   |
| delta-BHC                              | µg/L                   |                 |                       | 0.05 U    |                       | 0.05 U    |                        | 0.05 U    |                        | 0.05 U    |                        | 0.05 U    |                        | 0.05 U    |                        | 0.05 U    |
| gamma-BHC (lindane)                    | µg/L                   | 0.2             | MCL                   | 0.052 U   |                       | 0.052 U   |                        | 0.052 U   |                        | 0.052 U   |                        | 0.052 U   |                        | 0.052 U   |                        | 0.052 U   |
| Hexachlorobenzene                      | µg/L                   | 1               | MCL                   | 0.10 U    |                       | 0.10 U    |                        | 0.10 U    |                        | 0.10 U    |                        | 0.10 U    |                        | 0.10 U    |                        | 0.10 U    |
| Hexachlorobutadiene                    | µg/L                   | 0.3             | RSL                   | 0.02 U    |                       | 0.02 U    |                        | 0.02 U    |                        | 0.02 U    |                        | 0.02 U    |                        | 0.05 J    |                        | 0.02 U    |
| Hexachloroethane                       | µg/L                   | 0.9             | RSL                   | 0.02 U    |                       | 0.02 U    |                        | 0.02 U    |                        | 0.02 U    |                        | 0.02 U    |                        | 0.02      |                        | 0.02 U    |
| <b>Herbicides</b>                      |                        |                 |                       |           |                       |           |                        |           |                        |           |                        |           |                        |           |                        |           |
| 2,4-Dichlorophenoxyacetic acid (2,4-D) | µg/L                   | 70              | MCL                   | 1.0 U     |                       | 1.0 U     |                        | 1.0 U     |                        | 1.0 U     |                        | 1.0 U     |                        | 1.0 U     |                        | 1.0 U     |
| Pentachlorophenol                      | µg/L                   | 1               | MCL                   | 0.5 U     |                       | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |                        | 0.5 U     |
| <b>General Chemistry</b>               |                        |                 |                       |           |                       |           |                        |           |                        |           |                        |           |                        |           |                        |           |
| Chloride                               | mg/L                   | 250             | MCL                   | 122       |                       | 100       |                        | 139       |                        | 79        |                        | 57        |                        | 31.4      |                        | 93        |
| Hardness, calculation                  | mgCaCO <sub>3</sub> /L |                 |                       | 309       |                       | 370       |                        | 430       |                        | 373       |                        | 329       |                        | 193       |                        | 347       |

TABLE 6

**ANALYTICAL RESULTS SUMMARY  
SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| Sample Location:                       | AMW104                 |          |      | AMW105D               |  |                        | AMW105S |                        |  | AMW107D                |  |                        | AMW107S |                    |  | AMW107S                |  |                        | AMW108D |         |  |         |
|--|------------------------|----------|------|-----------------------|--|------------------------|---------|------------------------|--|------------------------|--|------------------------|---------|--------------------|--|------------------------|--|------------------------|---------|---------|--|---------|
| Sample ID:                             |                        |          |      | WG-05202014-AK-AMW104 |  | WG-05192014-AK-AMW105D |         | WG-05192014-AK-AMW105S |  | WG-05072014-AK-AMW107D |  | WG-05082014-AK-AMW107S |         | WG-05082014-AK-FD2 |  | WG-05212014-AK-AMW108D |  | WG-05212014-AK-AMW108S |         |         |  |         |
| Sample Date:                           |                        |          |      | 5/20/2014             |  | 5/19/2014              |         | 5/19/2014              |  | 5/7/2014               |  | 5/8/2014               |         | 5/8/2014           |  | 5/21/2014              |  | 5/21/2014              |         |         |  |         |
| Parameters                             | Units                  | Criteria | Type |                       |  |                        |         |                        |  |                        |  |                        |         |                    |  |                        |  |                        |         |         |  |         |
| <b>Volatile Organic Compounds</b>      |                        |          |      |                       |  |                        |         |                        |  |                        |  |                        |         |                    |  |                        |  |                        |         |         |  |         |
| 1,1,1-Trichloroethane                  | µg/L                   | 200      | MCL  | 0.5 U                 |  | 0.5 U                  |         | 0.5 U                  |  | 0.5 U                  |  | 0.5 U                  |         | 0.5 U              |  | 0.5 U                  |  | 0.5 U                  |         | 0.5 U   |  | 0.5 U   |
| 1,2-Dichloroethane                     | µg/L                   | 5        | MCL  | 0.5 U                 |  | 0.5 U                  |         | 0.5 U                  |  | 0.5 U                  |  | 0.5 U                  |         | 0.5 U              |  | 0.5 U                  |  | 0.5 U                  |         | 0.5 U   |  | 0.5 U   |
| 1,2-Dichloropropane                    | µg/L                   | 5        | MCL  | 0.5 U                 |  | 0.5 U                  |         | 0.5 U                  |  | 0.5 U                  |  | 0.5 U                  |         | 0.5 U              |  | 0.5 U                  |  | 0.5 U                  |         | 0.5 U   |  | 0.5 U   |
| Benzene                                | µg/L                   | 5        | MCL  | 0.5 U                 |  | 0.5 U                  |         | 0.5 U                  |  | 0.5 U                  |  | 0.5 U                  |         | 0.5 U              |  | 0.5 U                  |  | 0.5 U                  |         | 0.5 U   |  | 0.5 U   |
| Carbon tetrachloride                   | µg/L                   | 5        | MCL  | 0.5 U                 |  | 0.5 U                  |         | 0.5 U                  |  | 0.5 U                  |  | 0.5 U                  |         | 0.7                |  | 0.8                    |  | 0.5 U                  |         | 0.5 U   |  | 0.5 U   |
| Chloroform (Trichloromethane)          | µg/L                   | 70       | MCLG | 0.5 U                 |  | 0.5 U                  |         | 0.5 U                  |  | 0.5 U                  |  | 0.5 U                  |         | 0.9                |  | 1.0                    |  | 0.5 U                  |         | 0.5 U   |  | 0.5 U   |
| Chloromethane (Methyl chloride)        | µg/L                   | 190      | RSL  | 0.5 U                 |  | 0.5 U                  |         | 0.5 U                  |  | 0.5 U                  |  | 0.5 U                  |         | 0.5 U              |  | 0.5 U                  |  | 0.5 U                  |         | 0.5 U   |  | 0.5 U   |
| Methylene chloride                     | µg/L                   | 5        | MCL  | 0.5 U                 |  | 0.5 U                  |         | 0.5 U                  |  | 0.5 U                  |  | 0.5 U                  |         | 0.5 U              |  | 0.5 U                  |  | 0.5 U                  |         | 0.5 U   |  | 0.5 U   |
| Tetrachloroethene                      | µg/L                   | 5        | MCL  | 0.5 U                 |  | 0.5 U                  |         | 0.5 U                  |  | 0.5 U                  |  | 0.5 U                  |         | 0.5 U              |  | 0.5 U                  |  | 0.5 U                  |         | 0.5 U   |  | 0.5 U   |
| Trichloroethene                        | µg/L                   | 5        | MCL  | 0.5 U                 |  | 0.5 U                  |         | 0.5 U                  |  | 0.5 U                  |  | 1.3                    |         | 0.5 U              |  | 0.5 U                  |  | 1.3                    |         | 0.5 U   |  | 0.5 U   |
| Vinyl chloride                         | µg/L                   | 2        | MCL  | 0.5 U                 |  | 0.5 U                  |         | 0.5 U                  |  | 0.5 U                  |  | 0.5 U                  |         | 0.5 U              |  | 0.5 U                  |  | 0.5 U                  |         | 0.5 U   |  | 0.5 U   |
| <b>Semi-volatile Organic Compounds</b> |                        |          |      |                       |  |                        |         |                        |  |                        |  |                        |         |                    |  |                        |  |                        |         |         |  |         |
| 2,3,4,5-Tetrachlorophenol              | µg/L                   |          |      | 5.0 U                 |  | 5.0 U                  |         | 5.0 U                  |  | 5.0 U                  |  | 5.0 U                  |         | 5.0 U              |  | 5.0 U                  |  | 5.0 U                  |         | 5.0 U   |  | 5.0 U   |
| 2,3,4,6-Tetrachlorophenol              | µg/L                   | 240      | RSL  | 5.0 U                 |  | 5.0 U                  |         | 5.0 U                  |  | 5.0 U                  |  | 5.0 U                  |         | 5.0 U              |  | 5.0 U                  |  | 5.0 U                  |         | 5.0 U   |  | 5.0 U   |
| 2,4,5-Trichlorophenol                  | µg/L                   | 1200     | RSL  | 5.0 U                 |  | 5.0 U                  |         | 5.0 U                  |  | 5.0 U                  |  | 5.0 U                  |         | 5.0 U              |  | 5.0 U                  |  | 5.0 U                  |         | 5.0 U   |  | 5.0 U   |
| 2,4,6-Trichlorophenol                  | µg/L                   | 4        | RSL  | 5.0 U                 |  | 5.0 U                  |         | 5.0 U                  |  | 5.0 U                  |  | 5.0 U                  |         | 5.0 U              |  | 5.0 U                  |  | 5.0 U                  |         | 5.0 U   |  | 5.0 U   |
| 2,4-Dichlorophenol                     | µg/L                   | 46       | RSL  | 5.0 U                 |  | 5.0 U                  |         | 5.0 U                  |  | 5.0 U                  |  | 5.0 U                  |         | 5.0 U              |  | 5.0 U                  |  | 5.0 U                  |         | 5.0 U   |  | 5.0 U   |
| 2,5-Dichlorophenol                     | µg/L                   |          |      | 5.0 U                 |  | 5.0 U                  |         | 5.0 U                  |  | 5.0 U                  |  | 5.0 U                  |         | 5.0 U              |  | 5.0 U                  |  | 5.0 U                  |         | 5.0 U   |  | 5.0 U   |
| 2,6-Dichlorophenol                     | µg/L                   |          |      | 5.0 U                 |  | 5.0 U                  |         | 5.0 U                  |  | 5.0 U                  |  | 5.0 U                  |         | 5.0 U              |  | 5.0 U                  |  | 5.0 U                  |         | 5.0 U   |  | 5.0 U   |
| 2-Chlorophenol                         | µg/L                   | 91       | RSL  | 5.0 U                 |  | 5.0 U                  |         | 5.0 U                  |  | 5.0 U                  |  | 5.0 U                  |         | 5.0 U              |  | 5.0 U                  |  | 5.0 U                  |         | 5.0 U   |  | 5.0 U   |
| 3/4-Chlorophenol                       | µg/L                   |          |      | 5.0 U                 |  | 5.0 U                  |         | 5.0 U                  |  | 5.0 U                  |  | 5.0 U                  |         | 5.0 U              |  | 5.0 U                  |  | 5.0 U                  |         | 5.0 U   |  | 5.0 U   |
| alpha-BHC                              | µg/L                   | 0.0071   | RSL  | 0.011 U               |  | 0.011 U                |         | 0.011 U                |  | 0.011 U                |  | 0.011 U                |         | 0.011 U            |  | 0.011 U                |  | 0.011 U                |         | 0.011 U |  | 0.011 U |
| beta-BHC                               | µg/L                   | 0.025    | RSL  | 0.037 U               |  | 0.037 U                |         | 0.037 U                |  | 0.037 U                |  | 0.037 U                |         | 0.037 U            |  | 0.037 U                |  | 0.037 U                |         | 0.037 U |  | 0.037 U |
| delta-BHC                              | µg/L                   |          |      | 0.05 U                |  | 0.05 U                 |         | 0.05 U                 |  | 0.05 U                 |  | 0.05 U                 |         | 0.05 U             |  | 0.05 U                 |  | 0.05 U                 |         | 0.05 U  |  | 0.05 U  |
| gamma-BHC (lindane)                    | µg/L                   | 0.2      | MCL  | 0.052 U               |  | 0.052 U                |         | 0.052 U                |  | 0.052 U                |  | 0.052 U                |         | 0.052 U            |  | 0.052 U                |  | 0.052 U                |         | 0.052 U |  | 0.052 U |
| Hexachlorobenzene                      | µg/L                   | 1        | MCL  | 0.10 U                |  | 0.10 U                 |         | 0.10 U                 |  | 0.10 U                 |  | 0.10 U                 |         | 0.10 U             |  | 0.10 U                 |  | 0.10 U                 |         | 0.10 U  |  | 0.10 U  |
| Hexachlorobutadiene                    | µg/L                   | 0.3      | RSL  | 0.02 U                |  | 0.02 U                 |         | 0.02 U                 |  | 0.02 U                 |  | 0.02 U                 |         | 0.02 U             |  | 0.02 U                 |  | 0.02 U                 |         | 0.02 U  |  | 0.02 U  |
| Hexachloroethane                       | µg/L                   | 0.9      | RSL  | 0.02 U                |  | 0.02 U                 |         | 0.02 U                 |  | 0.02 U                 |  | 0.02 U                 |         | 0.02 U             |  | 0.02 U                 |  | 0.02 U                 |         | 0.02 U  |  | 0.02 U  |
| <b>Herbicides</b>                      |                        |          |      |                       |  |                        |         |                        |  |                        |  |                        |         |                    |  |                        |  |                        |         |         |  |         |
| 2,4-Dichlorophenoxyacetic acid (2,4-D) | µg/L                   | 70       | MCL  | 1.0 U                 |  | 1.0 U                  |         | 1.0 U                  |  | 1.0 U                  |  | 1.0 U                  |         | 1.0 U              |  | 1.0 U                  |  | 1.0 U                  |         | 1.0 U   |  | 1.0 U   |
| Pentachlorophenol                      | µg/L                   | 1        | MCL  | 0.5 U                 |  | 0.5 U                  |         | 0.5 U                  |  | 0.5 U                  |  | 0.5 U                  |         | 0.5 U              |  | 0.5 U                  |  | 0.5 U                  |         | 0.5 U   |  | 0.5 U   |
| <b>General Chemistry</b>               |                        |          |      |                       |  |                        |         |                        |  |                        |  |                        |         |                    |  |                        |  |                        |         |         |  |         |
| Chloride                               | mg/L                   | 250      | MCL  | 74                    |  | 28.0                   |         | 17.1                   |  | 101                    |  | 65                     |         | 66                 |  | 91                     |  | 88                     |         |         |  |         |
| Hardness, calculation                  | mgCaCO <sub>3</sub> /L |          |      | 267                   |  | 254                    |         | 194                    |  | 399                    |  | 345                    |         | 340                |  |                        |  |                        |         |         |  | 341     |

TABLE 6

**ANALYTICAL RESULTS SUMMARY  
SPRING 2014  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS**

| Sample Location:                       | AP2800<br>WG-06112014-JR-AP2800<br>6/11/2014 |          |      | AP2800<br>WG-06112014-JR-FD8<br>6/11/2014<br>(Duplicate) |         |         | APMW302S1<br>WG-05102014-AK-APMW302S1<br>5/10/2014 |         | APMW302S2<br>WG-05102014-AK-APMW302S2<br>5/10/2014 |         | APMW302S3<br>WG-05102014-AK-APMW302S3<br>5/10/2014 |         | Builders Well<br>5/14/2014 | DW-8<br>WG-06112014-JR-DW-8<br>6/11/2014 | DW-21<br>WG-06112014-JR-DW-21<br>6/11/2014 |
|--|--|----------|------|--|---------|---------|--|---------|--|---------|--|---------|----------------------------|--|--|
| Parameters                             | Units  | Criteria | Type |  |         |         |  |         |  |         |  |         |                            |  |  |
| <b>Volatile Organic Compounds</b>      |  |          |      |  |         |         |  |         |  |         |  |         |                            |  |  |
| 1,1,1-Trichloroethane                  | µg/L   | 200      | MCL  | 0.5 U  | 0.5 U   | 0.5 U   |  | 0.5 U   | 0.5 U  | 0.5 U   | 0.5 U  | 2 U     | 0.5 U                      | 0.5 U                                    |  |
| 1,2-Dichloroethane                     | µg/L   | 5        | MCL  | 0.5 U  | 0.5 U   | 0.5 U   |  | 0.5 U   | 0.5 U  | 0.5 U   | 0.5 U  | 2 U     | 0.5 U                      | 0.5 U                                    |  |
| 1,2-Dichloropropane                    | µg/L   | 5        | MCL  | 0.5 U  | 0.5 U   | 0.5 U   |  | 0.5 U   | 0.5 U  | 0.5 U   | 0.5 U  | 2 U     | 0.5 U                      | 0.5 U                                    |  |
| Benzene                                | µg/L   | 5        | MCL  | 0.5 U  | 0.5 U   | 0.5 U   |  | 0.5 U   | 0.5 U  | 0.5 U   | 0.5 U  | 2 U     | 0.5 U                      | 0.5 U                                    |  |
| Carbon tetrachloride                   | µg/L   | 5        | MCL  | 0.5 U  | 0.5 U   | 25.5    |  | 0.5 U   | 0.5 U  | 0.5 U   | 0.5 U  | 130.    | 0.5                        | 0.5 U                                    |  |
| Chloroform (Trichloromethane)          | µg/L   | 70       | MCLG | 0.5 U  | 0.5 U   | 32.7    |  | 0.5 U   | 0.5 U  | 1.5     | 5.2  | 0.5 U   | 0.5 U                      | 0.5 U                                    |  |
| Chloromethane (Methyl chloride)        | µg/L   | 190      | RSL  | 0.5 U  | 0.5 U   | 0.5 U   |  | 0.5 U   | 0.5 U  | 0.5 U   | 2 U  | 0.5 U   | 0.5 U                      | 0.5 U                                    |  |
| Methylene chloride                     | µg/L   | 5        | MCL  | 0.5 U  | 0.5 U   | 0.5 U   |  | 0.5 U   | 0.5 U  | 0.5 U   | 2 U  | 0.5 U   | 0.5 U                      | 0.5 U                                    |  |
| Tetrachloroethene                      | µg/L   | 5        | MCL  | 0.5 U  | 0.5 U   | 8.1     |  | 0.5 U   | 0.5 U  | 1.6     | 2 U  | 9.2     | 0.5 U                      | 0.5 U                                    |  |
| Trichloroethene                        | µg/L   | 5        | MCL  | 0.5 U  | 0.5 U   | 0.5 U   |  | 0.5 U   | 0.5 U  | 0.5 U   | 2 U  | 0.5 U   | 0.5 U                      | 0.5 U                                    |  |
| Vinyl chloride                         | µg/L   | 2        | MCL  | 0.5 U  | 0.5 U   | 0.5 U   |  | 0.5 U   | 0.5 U  | 0.5 U   | 2 U  | 0.5 U   | 0.5 U                      | 0.5 U                                    |  |
| <b>Semi-volatile Organic Compounds</b> |  |          |      |  |         |         |  |         |  |         |  |         |                            |  |  |
| 2,3,4,5-Tetrachlorophenol              | µg/L   |          |      | 5.0 U  | 5.0 U   | 5.0 U   |  | 5.0 U   | 5.0 U  | 5.0 U   | 5.0 U  | 5.0 U   | 5.0 U                      | 5.0 U                                    |  |
| 2,3,4,6-Tetrachlorophenol              | µg/L   | 240      | RSL  | 5.0 U  | 5.0 U   | 5.0 U   |  | 5.0 U   | 5.0 U  | 5.0 U   | 5.0 U  | 5.0 U   | 5.0 U                      | 5.0 U                                    |  |
| 2,4,5-Trichlorophenol                  | µg/L   | 1200     | RSL  | 5.0 U  | 5.0 U   | 5.0 U   |  | 5.0 U   | 5.0 U  | 5.0 U   | 5.0 U  | 5.0 U   | 5.0 U                      | 5.0 U                                    |  |
| 2,4,6-Trichlorophenol                  | µg/L   | 4        | RSL  | 5.0 U  | 5.0 U   | 5.0 U   |  | 5.0 U   | 5.0 U  | 5.0 U   | 5.0 U  | 5.0 U   | 5.0 U                      | 5.0 U                                    |  |
| 2,4-Dichlorophenol                     | µg/L   | 46       | RSL  | 5.0 U  | 5.0 U   | 5.0 U   |  | 5.0 U   | 5.0 U  | 5.0 U   | 5.0 U  | 5.0 U   | 5.0 U                      | 5.0 U                                    |  |
| 2,5-Dichlorophenol                     | µg/L   |          |      | 5.0 U  | 5.0 U   | 5.0 U   |  | 5.0 U   | 5.0 U  | 5.0 U   | 5.0 U  | 5.0 U   | 5.0 U                      | 5.0 U                                    |  |
| 2,6-Dichlorophenol                     | µg/L   |          |      | 5.0 U  | 5.0 U   | 5.0 U   |  | 5.0 U   | 5.0 U  | 5.0 U   | 5.0 U  | 5.0 U   | 5.0 U                      | 5.0 U                                    |  |
| 2-Chlorophenol                         | µg/L   | 91       | RSL  | 5.0 U  | 5.0 U   | 5.0 U   |  | 5.0 U   | 5.0 U  | 5.0 U   | 5.0 U  | 5.0 U   | 5.0 U                      | 5.0 U                                    |  |
| 3/4-Chlorophenol                       | µg/L   |          |      | 5.0 U  | 5.0 U   | 5.0 U   |  | 5.0 U   | 5.0 U  | 5.0 U   | 5.0 U  | 5.0 U   | 5.0 U                      | 5.0 U                                    |  |
| alpha-BHC                              | µg/L   | 0.0071   | RSL  | 0.011 U  | 0.011 U | 0.011 U |  | 0.011 U | 0.011 U  | 0.011 U | 0.012 U  | 0.011 U | 0.011 U                    | 0.011 U                                  |  |
| beta-BHC                               | µg/L   | 0.025    | RSL  | 0.037 U  | 0.037 U | 0.037 U |  | 0.037 U | 0.037 U  | 0.322   | 0.037 U  | 0.037 U | 0.037 U                    | 0.037 U                                  |  |
| delta-BHC                              | µg/L   |          |      | 0.05 U   | 0.05 U  | 0.05 U  |  | 0.05 U  | 0.05 U   | 0.05 U  | 0.05 U   | 0.05 U  | 0.05 U                     | 0.05 U                                   |  |
| gamma-BHC (lindane)                    | µg/L   | 0.2      | MCL  | 0.052 U  | 0.052 U | 0.052 U |  | 0.052 U | 0.052 U  | 0.052 U | 0.052 U  | 0.052 U | 0.052 U                    | 0.052 U                                  |  |
| Hexachlorobenzene                      | µg/L   | 1        | MCL  | 0.10 U   | 0.10 U  | 0.10 U  |  | 0.10 U  | 0.10 U   | 0.10 U  | 0.10 U   | 0.10 U  | 0.10 U                     | 0.10 U                                   |  |
| Hexachlorobutadiene                    | µg/L   | 0.3      | RSL  | 0.02 U   | 0.02 U  | 0.02 U  |  | 0.02 U  | 0.02 U   | 0.02 U  | 0.02 U   | 0.02 U  | 0.02 U                     | 0.02 U                                   |  |
| Hexachloroethane                       | µg/L   | 0.9      | RSL  | 0.02 U   | 0.02 U  | 0.02 U  |  | 0.02 U  | 0.02 U   | 0.02 U  | 0.02 U   | 0.02 U  | 0.02 U                     | 0.02 U                                   |  |
| <b>Herbicides</b>                      |  |          |      |  |         |         |  |         |  |         |  |         |                            |  |  |
| 2,4-Dichlorophenoxyacetic acid (2,4-D) | µg/L   | 70       | MCL  | 1.0 U  | 1.0 U   | 1.0 U   |  | 1.0 U   | 1.0 U  | 1.0 U   | 1.0 U  | 1.0 U   | 1.0 U                      | 1.0 U                                    |  |
| Pentachlorophenol                      | µg/L   | 1        | MCL  | 0.5 U  | 0.5 U   | 0.5 U   |  | 0.5 U   | 0.5 U  | 0.5 U   | 0.5 U  | 0.5 U   | 0.5 U                      | 0.5 U                                    |  |
| <b>General Chemistry</b>               |  |          |      |  |         |         |  |         |  |         |  |         |                            |  |  |
| Chloride                               | mg/L   | 250      | MCL  | 48   | 48      | 59      |  | 43.0    | 43.7   | 121     | 137  |         |                            |  |  |
| Hardness, calculation                  | mgCaCO <sub>3</sub> /L                       |          |      | 283  | 276     | 303     |  | 303     | 294  | 318     | 220  |         |                            | 77                                       |  |
|  |  |          |      |  |         |         |  |         |  |         |  |         |                            | 162                                      |  |

TABLE 6

**ANALYTICAL RESULTS SUMMARY  
SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS**

| Sample Location:                       |                        | IW29<br>WG-05222014-JR-IW29<br>5/22/2014 | IW30<br>WG-05222014-JR-IW30<br>5/22/2014 | IW30<br>WG-05222014-JR-FD7<br>5/22/2014<br>(Duplicate) | IW31<br>WG-05222014-JR-IW31<br>5/22/2014 | IW32<br>WG-05222014-JR-IW32<br>5/22/2014 | IW35A<br>WG-05222014-JR-IW35A<br>5/22/2014 | IW35B<br>WG-05222014-JR-IW35B<br>5/22/2014 | IW36<br>WG-06112014-JR-IW36<br>6/11/2014 |
|--|------------------------|--|--|--|--|--|--|--|--|
| Parameters                             | Units                  | Criteria                                 | Type                                     |  |  |  |  |  |  |
| <b>Volatile Organic Compounds</b>      |                        |  |  |  |  |  |  |  |  |
| 1,1,1-Trichloroethane                  | µg/L                   | 200                                      | MCL                                      | 50 U   | 500 U                                    | 500 U                                    | 100 U                                      | 5 U  | 50 U                                     |
| 1,2-Dichloroethane                     | µg/L                   | 5  | MCL                                      | 60   | 2600                                     | 2200                                     | 300  | 54   | 0.5 U                                    |
| 1,2-Dichloropropane                    | µg/L                   | 5  | MCL                                      | 50 U   | 3400                                     | 2900                                     | 100  | 5 U  | 50 U                                     |
| Benzene                                | µg/L                   | 5  | MCL                                      | 50 U   | 500 U                                    | 500 U                                    | 820  | 242  | 0.5 U                                    |
| Carbon tetrachloride                   | µg/L                   | 5  | MCL                                      | 390  | 20300                                    | 20000                                    | 1800                                       | 291  | 54.9                                     |
| Chloroform (Trichloromethane)          | µg/L                   | 70                                       | MCLG                                     | 1760   | 25500                                    | 25700                                    | 4020                                       | 402  | 770                                      |
| Chloromethane (Methyl chloride)        | µg/L                   | 190                                      | RSL                                      | 50 U   | 500 U                                    | 500 U                                    | 100 U                                      | 5 U  | 950                                      |
| Methylene chloride                     | µg/L                   | 5  | MCL                                      | 250  | 3000                                     | 2600                                     | 2300                                       | 49   | 0.5 U                                    |
| Tetrachloroethene                      | µg/L                   | 5  | MCL                                      | 760  | 9900                                     | 9300                                     | 7300                                       | 169  | 13.5                                     |
| Trichloroethene                        | µg/L                   | 5  | MCL                                      | 50 U   | 1300                                     | 1100                                     | 360  | 38   | 0.9                                      |
| Vinyl chloride                         | µg/L                   | 2  | MCL                                      | 50 U   | 500 U                                    | 500 U                                    | 100 U                                      | 5 U  | 50 U                                     |
| <b>Semi-volatile Organic Compounds</b> |                        |  |  |  |  |  |  |  |  |
| 2,3,4,5-Tetrachlorophenol              | µg/L                   |  |  | 5.0 U  | 5.0 U                                    | 5.0 U                                    | 5.0 U                                      | 5.0 U                                      | 5.0 U                                    |
| 2,3,4,6-Tetrachlorophenol              | µg/L                   | 240                                      | RSL                                      | 5.0 U  | 168                                      | 167                                      | 23.2                                       | 28.1                                       | 5.0 U                                    |
| 2,4,5-Trichlorophenol                  | µg/L                   | 1200                                     | RSL                                      | 5.0 U  | 5.0 U                                    | 5.0 U                                    | 5.0 U                                      | 5.0 U                                      | 5.0 U                                    |
| 2,4,6-Trichlorophenol                  | µg/L                   | 4  | RSL                                      | 7.9  | 254                                      | 255                                      | 104  | 57.2                                       | 5.0 U                                    |
| 2,4-Dichlorophenol                     | µg/L                   | 46                                       | RSL                                      | 5.0 U  | 112                                      | 130.                                     | 146  | 120.                                       | 5.0 U                                    |
| 2,5-Dichlorophenol                     | µg/L                   |  |  | 5.0 U  | 5.0 U                                    | 5.0 U                                    | 5.0 U                                      | 5.0 U                                      | 5.0 U                                    |
| 2,6-Dichlorophenol                     | µg/L                   |  |  | 5.0 U  | 21.6                                     | 22.4                                     | 60.4                                       | 26.8                                       | 5.0 U                                    |
| 2-Chlorophenol                         | µg/L                   | 91                                       | RSL                                      | 5.0 U  | 16.3                                     | 16.7                                     | 16.5                                       | 5.0 U                                      | 5.0 U                                    |
| 3/4-Chlorophenol                       | µg/L                   |  |  | 5.0 U  | 16.6                                     | 17.4                                     | 13.5                                       | 7.8  | 5.0 U                                    |
| alpha-BHC                              | µg/L                   | 0.0071                                   | RSL                                      | 0.46   | 4.5 U                                    | 4.4 U                                    | 29   | 0.793                                      | 0.022                                    |
| beta-BHC                               | µg/L                   | 0.025                                    | RSL                                      | 1.1 U  | 15 U                                     | 15 U                                     | 2.19                                       | 1.18                                       | 1.53                                     |
| delta-BHC                              | µg/L                   |  |  | 1 U  | 20 U                                     | 20 U                                     | 30 J                                       | 0.4 J                                      | 0.05 U                                   |
| gamma-BHC (lindane)                    | µg/L                   | 0.2                                      | MCL                                      | 1.5 U  | 21 U                                     | 21 U                                     | 38   | 1.01                                       | 0.10 U                                   |
| Hexachlorobenzene                      | µg/L                   | 1  | MCL                                      | 2.9 U  | 40 U                                     | 40 U                                     | 40 U                                       | 0.50 U                                     | 0.20 U                                   |
| Hexachlorobutadiene                    | µg/L                   | 0.3                                      | RSL                                      | 40.1   | 875                                      | 823                                      | 698  | 1.5  | 1.3                                      |
| Hexachloroethane                       | µg/L                   | 0.9                                      | RSL                                      | 6.6  | 1030                                     | 975                                      | 767  | 8.36                                       | 4.70                                     |
| <b>Herbicides</b>                      |                        |  |  |  |  |  |  |  |  |
| 2,4-Dichlorophenoxyacetic acid (2,4-D) | µg/L                   | 70                                       | MCL                                      | 13   | 160                                      | 150                                      | 340  | 30.  | 1.0 U                                    |
| Pentachlorophenol                      | µg/L                   | 1  | MCL                                      | 12   | 160                                      | 150                                      | 100  | 100  | 0.5                                      |
| <b>General Chemistry</b>               |                        |  |  |  |  |  |  |  |  |
| Chloride                               | mg/L                   | 250                                      | MCL                                      | 970  | 4050                                     | 4240                                     | 2720                                       | 1780                                       | 420                                      |
| Hardness, calculation                  | mgCaCO <sub>3</sub> /L |  |  | 603  | 553                                      | 553                                      | 813  | 601  | 874                                      |

TABLE 6

**ANALYTICAL RESULTS SUMMARY  
SPRING 2014  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS**

| Sample Location:                       | IW40<br>WG-05222014-JR-IW40<br>5/22/2014 |          |      | IW41<br>WG-06112014-JR-IW41<br>6/11/2014 |  |         | IW42<br>WG-05222014-JR-IW42<br>5/22/2014 |         |  | IW45<br>WG-05222014-JR-IW45<br>5/22/2014 |  |         | IW46<br>WG-05222014-JR-IW46<br>5/22/2014 |         |  | IW600(43)<br>WG-05222014-JR-IW43<br>5/22/2014 |  |         | IW650(44)<br>WG-05222014-JR-IW44<br>5/22/2014 |         |  | MW02S1<br>WG-05062014-AK-MW02S1<br>5/6/2014 |  |  |
|--|--|----------|------|--|--|---------|--|---------|--|--|--|---------|--|---------|--|---|--|---------|---|---------|--|---|--|--|
| Parameters                             | Units                                    | Criteria | Type |  |  |         |  |         |  |  |  |         |  |         |  |   |  |         |   |         |  |   |  |  |
| <b>Volatile Organic Compounds</b>      |  |          |      |  |  |         |  |         |  |  |  |         |  |         |  |   |  |         |   |         |  |   |  |  |
| 1,1,1-Trichloroethane                  | µg/L                                     | 200      | MCL  | 0.5 U                                    |  | 0.5 U   |  | 0.5 U   |  | 0.5 U                                    |  | 0.5 U   |  | 0.5 U   |  | 50 U  |  | 3 U     |   | 0.5 U   |  |   |  |  |
| 1,2-Dichloroethane                     | µg/L                                     | 5        | MCL  | 0.5 U                                    |  | 0.5 U   |  | 0.5 U   |  | 0.5 U                                    |  | 0.5 U   |  | 0.5 U   |  | 50 U  |  | 3 U     |   | 0.5 U   |  |   |  |  |
| 1,2-Dichloropropane                    | µg/L                                     | 5        | MCL  | 0.5 U                                    |  | 0.5 U   |  | 0.5 U   |  | 0.5 U                                    |  | 0.5 U   |  | 0.5 U   |  | 50 U  |  | 3 U     |   | 0.5 U   |  |   |  |  |
| Benzene                                | µg/L                                     | 5        | MCL  | 0.5 U                                    |  | 0.5 U   |  | 0.5 U   |  | 0.5 U                                    |  | 0.5 U   |  | 0.5 U   |  | 50 U  |  | 3 U     |   | 0.5 U   |  |   |  |  |
| Carbon tetrachloride                   | µg/L                                     | 5        | MCL  | 8.2                                      |  | 0.5 U   |  | 0.5 U   |  | 0.5 U                                    |  | 0.5 U   |  | 1.5     |  | 690   |  | 106     |   | 0.5 U   |  |   |  |  |
| Chloroform (Trichloromethane)          | µg/L                                     | 70       | MCLG | 2.3                                      |  | 0.5 U   |  | 0.5 U   |  | 0.5 U                                    |  | 0.5 U   |  | 0.5 U   |  | 50 U  |  | 5       |   | 2.3     |  |   |  |  |
| Chloromethane (Methyl chloride)        | µg/L                                     | 190      | RSL  | 0.5 U                                    |  | 0.5 U   |  | 0.5 U   |  | 0.5 U                                    |  | 0.5 U   |  | 0.5 U   |  | 50 U  |  | 3 U     |   | 0.5 U   |  |   |  |  |
| Methylene chloride                     | µg/L                                     | 5        | MCL  | 0.5 U                                    |  | 0.5 U   |  | 0.5 U   |  | 0.5 U                                    |  | 0.5 U   |  | 0.5 U   |  | 50 U  |  | 3 U     |   | 0.5 U   |  |   |  |  |
| Tetrachloroethene                      | µg/L                                     | 5        | MCL  | 0.5 U                                    |  | 0.5 U   |  | 0.5 U   |  | 0.5 U                                    |  | 0.5 U   |  | 0.5 U   |  | 50 U  |  | 3 U     |   | 0.5 U   |  |   |  |  |
| Trichloroethene                        | µg/L                                     | 5        | MCL  | 0.5 U                                    |  | 0.5 U   |  | 0.5 U   |  | 0.5 U                                    |  | 0.5 U   |  | 0.5 U   |  | 50 U  |  | 3 U     |   | 0.5 U   |  |   |  |  |
| Vinyl chloride                         | µg/L                                     | 2        | MCL  | 0.5 U                                    |  | 0.5 U   |  | 0.5 U   |  | 0.5 U                                    |  | 0.5 U   |  | 0.5 U   |  | 50 U  |  | 3 U     |   | 0.5 U   |  |   |  |  |
| <b>Semi-volatile Organic Compounds</b> |  |          |      |  |  |         |  |         |  |  |  |         |  |         |  |   |  |         |   |         |  |   |  |  |
| 2,3,4,5-Tetrachlorophenol              | µg/L                                     |          |      | 5.0 U                                    |  | 5.0 U   |  | 5.0 U   |  | 5.0 U                                    |  | 5.0 U   |  | 5.0 U   |  | 5.0 U   |  | 5.0 U   |   | 5.0 U   |  |   |  |  |
| 2,3,4,6-Tetrachlorophenol              | µg/L                                     | 240      | RSL  | 5.0 U                                    |  | 5.0 U   |  | 5.0 U   |  | 5.0 U                                    |  | 5.0 U   |  | 5.0 U   |  | 5.0 U   |  | 5.0 U   |   | 5.0 U   |  |   |  |  |
| 2,4,5-Trichlorophenol                  | µg/L                                     | 1200     | RSL  | 5.0 U                                    |  | 5.0 U   |  | 5.0 U   |  | 5.0 U                                    |  | 5.0 U   |  | 5.0 U   |  | 5.0 U   |  | 5.0 U   |   | 5.0 U   |  |   |  |  |
| 2,4,6-Trichlorophenol                  | µg/L                                     | 4        | RSL  | 5.0 U                                    |  | 5.0 U   |  | 5.0 U   |  | 5.0 U                                    |  | 5.0 U   |  | 5.0 U   |  | 18.2  |  | 5.0 U   |   | 5.0 U   |  |   |  |  |
| 2,4-Dichlorophenol                     | µg/L                                     | 46       | RSL  | 5.0 U                                    |  | 5.0 U   |  | 5.0 U   |  | 5.0 U                                    |  | 5.0 U   |  | 5.0 U   |  | 39.4  |  | 5.0 U   |   | 5.0 U   |  |   |  |  |
| 2,5-Dichlorophenol                     | µg/L                                     |          |      | 5.0 U                                    |  | 5.0 U   |  | 5.0 U   |  | 5.0 U                                    |  | 5.0 U   |  | 5.0 U   |  | 5.0 U   |  | 5.0 U   |   | 5.0 U   |  |   |  |  |
| 2,6-Dichlorophenol                     | µg/L                                     |          |      | 5.0 U                                    |  | 5.0 U   |  | 5.0 U   |  | 5.0 U                                    |  | 5.0 U   |  | 5.0 U   |  | 32.1  |  | 5.0 U   |   | 5.0 U   |  |   |  |  |
| 2-Chlorophenol                         | µg/L                                     | 91       | RSL  | 5.0 U                                    |  | 5.0 U   |  | 5.0 U   |  | 5.0 U                                    |  | 5.0 U   |  | 5.0 U   |  | 15.9  |  | 5.0 U   |   | 5.0 U   |  |   |  |  |
| 3/4-Chlorophenol                       | µg/L                                     |          |      | 5.0 U                                    |  | 5.0 U   |  | 5.0 U   |  | 5.0 U                                    |  | 5.0 U   |  | 5.0 U   |  | 6.2   |  | 5.0 U   |   | 5.0 U   |  |   |  |  |
| alpha-BHC                              | µg/L                                     | 0.0071   | RSL  | 0.011 U                                  |  | 0.011 U |  | 0.011 U |  | 0.011 U                                  |  | 0.011 U |  | 0.011 U |  | 0.097   |  | 0.011 U |   | 0.011 U |  |   |  |  |
| beta-BHC                               | µg/L                                     | 0.025    | RSL  | 0.037 U                                  |  | 0.407   |  | 0.148   |  | 0.037 U                                  |  | 0.037 U |  | 0.037 U |  | 0.295   |  | 0.037 U |   | 0.037 U |  |   |  |  |
| delta-BHC                              | µg/L                                     |          |      | 0.05 U                                   |  | 0.05 U  |  | 0.05 U  |  | 0.05 U                                   |  | 0.05 U  |  | 0.05 U  |  | 0.05 U  |  | 0.05 U  |   | 0.05 U  |  |   |  |  |
| gamma-BHC (lindane)                    | µg/L                                     | 0.2      | MCL  | 0.052 U                                  |  | 0.052 U |  | 0.052 U |  | 0.052 U                                  |  | 0.052 U |  | 0.052 U |  | 0.066   |  | 0.052 U |   | 0.052 U |  |   |  |  |
| Hexachlorobenzene                      | µg/L                                     | 1        | MCL  | 0.10 U                                   |  | 0.10 U  |  | 0.10 U  |  | 0.10 U                                   |  | 0.10 U  |  | 0.10 U  |  | 0.10 U  |  | 0.10 U  |   | 0.10 U  |  |   |  |  |
| Hexachlorobutadiene                    | µg/L                                     | 0.3      | RSL  | 0.02 U                                   |  | 0.02 U  |  | 0.02 U  |  | 0.02 U                                   |  | 0.02 U  |  | 0.02 U  |  | 0.02 U  |  | 0.02 U  |   | 0.02 U  |  |   |  |  |
| Hexachloroethane                       | µg/L                                     | 0.9      | RSL  | 0.02 U                                   |  | 0.02 U  |  | 0.02 U  |  | 0.02 U                                   |  | 0.02 U  |  | 0.02 U  |  | 0.33  |  | 0.02 U  |   | 0.02 U  |  |   |  |  |
| <b>Herbicides</b>                      |  |          |      |  |  |         |  |         |  |  |  |         |  |         |  |   |  |         |   |         |  |   |  |  |
| 2,4-Dichlorophenoxyacetic acid (2,4-D) | µg/L                                     | 70       | MCL  | 1.0 U                                    |  | 1.0 U   |  | 1.0 U   |  | 1.0 U                                    |  | 1.0 U   |  | 1.0 U   |  | 14  |  | 1.0 U   |   | 1.0     |  |   |  |  |
| Pentachlorophenol                      | µg/L                                     | 1        | MCL  | 0.5 U                                    |  | 0.5 U   |  | 0.5 U   |  | 0.5 U                                    |  | 0.5 U   |  | 0.5 U   |  | 0.5 U   |  | 0.5 U   |   | 0.5 U   |  |   |  |  |
| <b>General Chemistry</b>               |  |          |      |  |  |         |  |         |  |  |  |         |  |         |  |   |  |         |   |         |  |   |  |  |
| Chloride                               | mg/L                                     | 250      | MCL  | 267                                      |  | 114     |  | 62      |  | 33.4                                     |  | 154     |  | 511     |  | 132   |  | 143     |   |         |  |   |  |  |
| Hardness, calculation                  | mgCaCO <sub>3</sub> /L                   |          |      | 458                                      |  | 271     |  | 179     |  | 196                                      |  | 303     |  | 480     |  | 283   |  | 392     |   |         |  |   |  |  |

TABLE 6

**ANALYTICAL RESULTS SUMMARY  
SPRING 2014  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS**

| Sample Location:                       | MW02S2                |          |      | MW03S1                |  |         | MW05S3                |         |  | MW06S1                |  |         | MW06S3                |         |  | MW07S1                |  |         | MW07S2                |         |  |                    |  |         |  |
|--|-----------------------|----------|------|-----------------------|--|---------|-----------------------|---------|--|-----------------------|--|---------|-----------------------|---------|--|-----------------------|--|---------|-----------------------|---------|--|--------------------|--|---------|--|
| Sample ID:                             | WG-05062014-AK-MW02S2 |          |      | WG-05082014-AK-MW03S1 |  |         | WG-05212014-JR-MW05S3 |         |  | WG-05102014-JR-MW06S1 |  |         | WG-05102014-JR-MW06S3 |         |  | WG-05132014-JR-MW07S1 |  |         | WG-05132014-JR-MW07S2 |         |  | WG-05132014-JR-FD5 |  |         |  |
| Sample Date:                           | 5/6/2014              |          |      | 5/8/2014              |  |         | 5/21/2014             |         |  | 5/10/2014             |  |         | 5/10/2014             |         |  | 5/13/2014             |  |         | 5/13/2014             |         |  | 5/13/2014          |  |         |  |
| Parameters                             | Units                 | Criteria | Type |                       |  |         |                       |         |  |                       |  |         |                       |         |  |                       |  |         |                       |         |  |                    |  |         |  |
| <b>Volatile Organic Compounds</b>      |                       |          |      |                       |  |         |                       |         |  |                       |  |         |                       |         |  |                       |  |         |                       |         |  |                    |  |         |  |
| 1,1,1-Trichloroethane                  | µg/L                  | 200      | MCL  | 2                     |  | 0.5 U   |                       | 0.5 U   |  | 0.5 U                 |  | 0.5 U   |                       | 0.5 U   |  | 50 U                  |  | 0.5 U   |                       | 0.5 U   |  | 0.5 U              |  | 0.5 U   |  |
| 1,2-Dichloroethane                     | µg/L                  | 5        | MCL  | 2 U                   |  | 0.5 U   |                       | 0.5 U   |  | 0.5 U                 |  | 0.5 U   |                       | 0.5 U   |  | 320                   |  | 0.5 U   |                       | 0.5 U   |  | 0.5 U              |  | 0.5 U   |  |
| 1,2-Dichloropropane                    | µg/L                  | 5        | MCL  | 2 U                   |  | 0.5 U   |                       | 0.5 U   |  | 0.5 U                 |  | 0.5 U   |                       | 0.5 U   |  | 50 U                  |  | 0.5 U   |                       | 0.5 U   |  | 0.5 U              |  | 0.5 U   |  |
| Benzene                                | µg/L                  | 5        | MCL  | 6.0                   |  | 0.5 U   |                       | 0.5 U   |  | 0.5 U                 |  | 0.5 U   |                       | 0.5 U   |  | 190                   |  | 0.5 U   |                       | 0.5 U   |  | 0.5 U              |  | 0.5 U   |  |
| Carbon tetrachloride                   | µg/L                  | 5        | MCL  | 106                   |  | 0.5 U   |                       | 0.5 U   |  | 0.5 U                 |  | 0.5 U   |                       | 0.5 U   |  | 4140                  |  | 0.6     |                       | 0.5     |  |                    |  |         |  |
| Chloroform (Trichloromethane)          | µg/L                  | 70       | MCLG | 40.9                  |  | 0.5 U   |                       | 0.5 U   |  | 0.5 U                 |  | 0.5 U   |                       | 0.5 U   |  | 3660                  |  | 0.8     |                       | 0.8     |  |                    |  |         |  |
| Chloromethane (Methyl chloride)        | µg/L                  | 190      | RSL  | 2 U                   |  | 0.5 U   |                       | 0.5 U   |  | 0.5 U                 |  | 0.5 U   |                       | 0.5 U   |  | 50 U                  |  | 0.5 U   |                       | 0.5 U   |  | 0.5 U              |  | 0.5 U   |  |
| Methylene chloride                     | µg/L                  | 5        | MCL  | 2 U                   |  | 0.5 U   |                       | 0.5 U   |  | 0.5 U                 |  | 0.5 U   |                       | 0.5 U   |  | 1590                  |  | 0.5 U   |                       | 0.5 U   |  | 0.5 U              |  | 0.5 U   |  |
| Tetrachloroethene                      | µg/L                  | 5        | MCL  | 6.5                   |  | 0.5 U   |                       | 0.5 U   |  | 0.5 U                 |  | 0.5 U   |                       | 0.5 U   |  | 880                   |  | 0.5 U   |                       | 0.5 U   |  | 0.5 U              |  | 0.5 U   |  |
| Trichloroethene                        | µg/L                  | 5        | MCL  | 2 U                   |  | 0.5 U   |                       | 0.5 U   |  | 0.5 U                 |  | 0.5 U   |                       | 0.5 U   |  | 50 U                  |  | 0.5 U   |                       | 0.5 U   |  | 0.5 U              |  | 0.5 U   |  |
| Vinyl chloride                         | µg/L                  | 2        | MCL  | 2 U                   |  | 2.9     |                       | 0.5 U   |  | 0.5 U                 |  | 0.5 U   |                       | 0.5 U   |  | 50 U                  |  | 0.5 U   |                       | 0.5 U   |  | 0.5 U              |  | 0.5 U   |  |
| <b>Semi-volatile Organic Compounds</b> |                       |          |      |                       |  |         |                       |         |  |                       |  |         |                       |         |  |                       |  |         |                       |         |  |                    |  |         |  |
| 2,3,4,5-Tetrachlorophenol              | µg/L                  |          |      | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U              |  | 5.0 U   |  |
| 2,3,4,6-Tetrachlorophenol              | µg/L                  | 240      | RSL  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U              |  | 5.0 U   |  |
| 2,4,5-Trichlorophenol                  | µg/L                  | 1200     | RSL  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U              |  | 5.0 U   |  |
| 2,4,6-Trichlorophenol                  | µg/L                  | 4        | RSL  | 8.5                   |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 25.4                  |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U              |  | 5.0 U   |  |
| 2,4-Dichlorophenol                     | µg/L                  | 46       | RSL  | 165                   |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 168                   |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U              |  | 5.0 U   |  |
| 2,5-Dichlorophenol                     | µg/L                  |          |      | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U              |  | 5.0 U   |  |
| 2,6-Dichlorophenol                     | µg/L                  |          |      | 36.6                  |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 17.1                  |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U              |  | 5.0 U   |  |
| 2-Chlorophenol                         | µg/L                  | 91       | RSL  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 15.2                  |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U              |  | 5.0 U   |  |
| 3/4-Chlorophenol                       | µg/L                  |          |      | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U              |  | 5.0 U   |  |
| alpha-BHC                              | µg/L                  | 0.0071   | RSL  | 0.092                 |  | 2.41    |                       | 0.011 U |  | 0.011 U               |  | 0.011 U |                       | 0.011 U |  | 1.08                  |  | 0.011 U |                       | 0.011 U |  | 0.011 U            |  | 0.011 U |  |
| beta-BHC                               | µg/L                  | 0.025    | RSL  | 1.26                  |  | 0.421   |                       | 0.072   |  | 0.037 U               |  | 0.037 U |                       | 0.037 U |  | 0.195                 |  | 0.037 U |                       | 0.037 U |  | 0.037 U            |  | 0.037 U |  |
| delta-BHC                              | µg/L                  |          |      | 0.05 U                |  | 0.05 U  |                       | 0.05 U  |  | 0.05 U                |  | 0.05 U  |                       | 0.05 U  |  | 0.71                  |  | 0.05 U  |                       | 0.05 U  |  | 0.05 U             |  | 0.05 U  |  |
| gamma-BHC (lindane)                    | µg/L                  | 0.2      | MCL  | 0.052 U               |  | 0.052 U |                       | 0.052 U |  | 0.052 U               |  | 0.052 U |                       | 0.052 U |  | 1.02                  |  | 0.052 U |                       | 0.052 U |  | 0.052 U            |  | 0.052 U |  |
| Hexachlorobenzene                      | µg/L                  | 1        | MCL  | 0.10 U                |  | 0.10 U  |                       | 0.10 U  |  | 0.10 U                |  | 0.10 U  |                       | 0.10 U  |  | 0.10 U                |  | 0.10 U  |                       | 0.10 U  |  | 0.10 U             |  | 0.10 U  |  |
| Hexachlorobutadiene                    | µg/L                  | 0.3      | RSL  | 0.02 U                |  | 0.02 U  |                       | 0.03    |  | 0.02 U                |  | 0.02 U  |                       | 0.02 U  |  | 2.58                  |  | 0.02 U  |                       | 0.02 U  |  | 0.02 U             |  | 0.02 U  |  |
| Hexachloroethane                       | µg/L                  | 0.9      | RSL  | 0.02 U                |  | 0.02 U  |                       | 0.02 U  |  | 0.02 U                |  | 0.02 U  |                       | 0.02 U  |  | 19.0                  |  | 0.02 U  |                       | 0.02 U  |  | 0.02 U             |  | 0.02 U  |  |
| <b>Herbicides</b>                      |                       |          |      |                       |  |         |                       |         |  |                       |  |         |                       |         |  |                       |  |         |                       |         |  |                    |  |         |  |
| 2,4-Dichlorophenoxyacetic acid (2,4-D) | µg/L                  | 70       | MCL  | 8.0                   |  | 1.0 U   |                       | 1.0 U   |  | 1.0 U                 |  | 1.0 U   |                       | 1.0 U   |  | 810                   |  | 1.0 U   |                       | 1.0 U   |  | 1.0 U              |  | 1.0 U   |  |
| Pentachlorophenol                      | µg/L                  | 1        | MCL  | 0.5 U                 |  | 0.5 U   |                       | 0.5 U   |  |                       |  |         |                       |         |  |                       |  |         |                       |         |  |                    |  |         |  |

TABLE 6

**ANALYTICAL RESULTS SUMMARY  
SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS**

| Sample Location:                       | MW07S3                 |          | MW08S1                |         | MW08S2                |         | MW08S3                |        | MW09S1                |         | MW09S3                |         | MW10S1                |         | MW10S2                |  |
|--|------------------------|----------|-----------------------|---------|-----------------------|---------|-----------------------|--------|-----------------------|---------|-----------------------|---------|-----------------------|---------|-----------------------|--|
| Sample ID:                             | WG-05132014-JR-MW07S3  |          | WG-05112014-JR-MW08S1 |         | WG-05112014-JR-MW08S2 |         | WG-05112014-JR-MW08S3 |        | WG-05122014-AK-MW09S1 |         | WG-05122014-AK-MW09S3 |         | WG-05082014-JR-MW10S1 |         | WG-05082014-JR-MW10S2 |  |
| Sample Date:                           | 5/13/2014              |          | 5/11/2014             |         | 5/11/2014             |         | 5/11/2014             |        | 5/12/2014             |         | 5/12/2014             |         | 5/8/2014              |         | 5/8/2014              |  |
| Parameters                             | Units                  | Criteria | Type                  |         |                       |         |                       |        |                       |         |                       |         |                       |         |                       |  |
| <b>Volatile Organic Compounds</b>      |                        |          |                       |         |                       |         |                       |        |                       |         |                       |         |                       |         |                       |  |
| 1,1,1-Trichloroethane                  | µg/L                   | 200      | MCL                   | 0.5 U   | 0.5 U                 | 0.5 U   | 2 U                   | 2 U    | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 |  |
| 1,2-Dichloroethane                     | µg/L                   | 5        | MCL                   | 0.5 U   | 0.5 U                 | 0.5 U   | 2 U                   | 107    | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 |  |
| 1,2-Dichloropropane                    | µg/L                   | 5        | MCL                   | 0.5 U   | 0.5 U                 | 0.5 U   | 2 U                   | 2 U    | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 |  |
| Benzene                                | µg/L                   | 5        | MCL                   | 0.5 U   | 0.5 U                 | 0.5 U   | 2 U                   | 22     | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 |  |
| Carbon tetrachloride                   | µg/L                   | 5        | MCL                   | 0.5 U   | 5.1                   | 15.2    | 28                    | 2 U    | 12.2                  | 2.4     | 3.7                   | 2.3     | 2.4                   | 32.5    |                       |  |
| Chloroform (Trichloromethane)          | µg/L                   | 70       | MCLG                  | 0.5 U   | 16.7                  | 19.0    | 18                    | 2 U    | 10.0                  | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 |  |
| Chloromethane (Methyl chloride)        | µg/L                   | 190      | RSL                   | 0.5 U   | 0.5 U                 | 0.5 U   | 2 U                   | 2 U    | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 |  |
| Methylene chloride                     | µg/L                   | 5        | MCL                   | 0.5 U   | 0.5 U                 | 0.5 U   | 2 U                   | 2 U    | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 |  |
| Tetrachloroethene                      | µg/L                   | 5        | MCL                   | 0.5 U   | 0.5 U                 | 4.0     | 4                     | 139    | 3.0                   | 1.0     | 2.0                   |         |                       |         |                       |  |
| Trichloroethene                        | µg/L                   | 5        | MCL                   | 0.5 U   | 0.5 U                 | 4.1     | 2                     | 196    | 0.5 U                 | 0.8     | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 |  |
| Vinyl chloride                         | µg/L                   | 2        | MCL                   | 0.5 U   | 0.5 U                 | 0.5 U   | 2 U                   | 2 U    | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 |  |
| <b>Semi-volatile Organic Compounds</b> |                        |          |                       |         |                       |         |                       |        |                       |         |                       |         |                       |         |                       |  |
| 2,3,4,5-Tetrachlorophenol              | µg/L                   |          |                       | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U  | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 |  |
| 2,3,4,6-Tetrachlorophenol              | µg/L                   | 240      | RSL                   | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U  | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 |  |
| 2,4,5-Trichlorophenol                  | µg/L                   | 1200     | RSL                   | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U  | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 |  |
| 2,4,6-Trichlorophenol                  | µg/L                   | 4        | RSL                   | 5.0 U   | 20.1                  | 5.0 U   | 5.0 U                 | 5.0 U  | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 |  |
| 2,4-Dichlorophenol                     | µg/L                   | 46       | RSL                   | 5.0 U   | 138                   | 5.0 U   | 5.0 U                 | 5.0 U  | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 |  |
| 2,5-Dichlorophenol                     | µg/L                   |          |                       | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U  | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 |  |
| 2,6-Dichlorophenol                     | µg/L                   |          |                       | 5.0 U   | 87.5                  | 5.0 U   | 5.0 U                 | 5.0 U  | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 |  |
| 2-Chlorophenol                         | µg/L                   | 91       | RSL                   | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U  | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 |  |
| 3/4-Chlorophenol                       | µg/L                   |          |                       | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U  | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 |  |
| alpha-BHC                              | µg/L                   | 0.0071   | RSL                   | 0.011 U | 0.046                 | 0.060   | 0.054                 | 0.354  | 0.011 U               | 0.011 U | 0.011 U               | 0.011 U | 0.011 U               | 0.011 U | 0.011 U               |  |
| beta-BHC                               | µg/L                   | 0.025    | RSL                   | 0.037 U | 0.717                 | 0.536   | 1.00                  | 0.060  | 0.037 U               | 0.037 U | 0.037 U               | 0.037 U | 0.037 U               | 0.037 U | 0.037 U               |  |
| delta-BHC                              | µg/L                   |          |                       | 0.05 U  | 0.05 U                | 0.05 U  | 0.05 U                | 0.30   | 0.05 U                | 0.05 U  | 0.05 U                | 0.05 U  | 0.05 U                | 0.05 U  | 0.05 U                |  |
| gamma-BHC (lindane)                    | µg/L                   | 0.2      | MCL                   | 0.052 U | 0.052 U               | 0.052 U | 0.052 U               | 0.109  | 0.052 U               | 0.052 U | 0.052 U               | 0.052 U | 0.052 U               | 0.052 U | 0.052 U               |  |
| Hexachlorobenzene                      | µg/L                   | 1        | MCL                   | 0.10 U  | 0.10 U                | 0.10 U  | 0.10 U                | 0.10 U | 0.10 U                | 0.10 U  | 0.10 U                | 0.10 U  | 0.10 U                | 0.10 U  | 0.10 U                |  |
| Hexachlorobutadiene                    | µg/L                   | 0.3      | RSL                   | 0.02 U  | 0.02 U                | 0.02 U  | 0.02 U                | 0.95   | 0.02 U                | 0.02 U  | 0.02 U                | 0.02 U  | 0.02 U                | 0.02 U  | 0.02 U                |  |
| Hexachloroethane                       | µg/L                   | 0.9      | RSL                   | 0.02 U  | 0.02 U                | 0.02 U  | 0.02 U                | 0.02 U | 0.02 U                | 0.02 U  | 0.02 U                | 0.02 U  | 0.02 U                | 0.02 U  | 0.02 U                |  |
| <b>Herbicides</b>                      |                        |          |                       |         |                       |         |                       |        |                       |         |                       |         |                       |         |                       |  |
| 2,4-Dichlorophenoxyacetic acid (2,4-D) | µg/L                   | 70       | MCL                   | 1.0 U   | 12                    | 1.0 U   | 1.0 U                 | 1.0 U  | 1.0 U                 | 1.0 U   | 1.0 U                 | 1.0 U   | 1.0 U                 | 1.0 U   | 1.0 U                 |  |
| Pentachlorophenol                      | µg/L                   | 1        | MCL                   | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U  | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 |  |
| <b>General Chemistry</b>               |                        |          |                       |         |                       |         |                       |        |                       |         |                       |         |                       |         |                       |  |
| Chloride                               | mg/L                   | 250      | MCL                   | 164     | 1310                  | 620     | 650                   | 480    | 66                    | 203     | 117                   |         |                       |         |                       |  |
| Hardness, calculation                  | mgCaCO <sub>3</sub> /L |          |                       | 436     | 917                   | 712     | 607                   | 821    | 185                   | 421     | 330                   |         |                       |         |                       |  |

TABLE 6

**ANALYTICAL RESULTS SUMMARY  
SPRING 2014  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS**

| <b>Sample Location:</b>                | <b>MW10S3</b>          |                 | <b>MW11S1</b>         |          | <b>MW11S3A</b>         |          | <b>MW12S1A</b>         |           | <b>MW12S3</b>         |           | <b>MW13S1</b>         |          | <b>MW13S3</b>         |          | <b>MW14S1</b>         |
|--|------------------------|-----------------|-----------------------|----------|------------------------|----------|------------------------|-----------|-----------------------|-----------|-----------------------|----------|-----------------------|----------|-----------------------|
| <b>Sample ID:</b>                      | WG-05082014-JR-MW10S3  |                 | WG-05072014-JR-MW11S1 |          | WG-05072014-JR-MW11S3A |          | WG-05202014-AK-MW12S1A |           | WG-05222014-JR-MW12S3 |           | WG-05082014-AK-MW13S1 |          | WG-05082014-AK-MW13S3 |          | WG-05062014-AK-MW14S1 |
| <b>Sample Date:</b>                    |                        | 5/8/2014        |                       | 5/7/2014 |                        | 5/7/2014 |                        | 5/20/2014 |                       | 5/22/2014 |                       | 5/8/2014 |                       | 5/8/2014 | 5/6/2014              |
| <b>Parameters</b>                      | <b>Units</b>           | <b>Criteria</b> | <b>Type</b>           |          |                        |          |                        |           |                       |           |                       |          |                       |          |                       |
| <b>Volatile Organic Compounds</b>      |                        |                 |                       |          |                        |          |                        |           |                       |           |                       |          |                       |          |                       |
| 1,1,1-Trichloroethane                  | µg/L                   | 200             | MCL                   | 0.5 U    | 0.5 U                  | 0.5 U    | 500 U                  | 5 U       | 0.5 U                 | 0.5 U     | 0.5 U                 | 0.5 U    | 0.5 U                 | 0.5 U    | 0.5 U                 |
| 1,2-Dichloroethane                     | µg/L                   | 5               | MCL                   | 0.5 U    | 0.5 U                  | 0.5 U    | 500 U                  | 5 U       | 0.5 U                 | 0.5 U     | 0.5 U                 | 0.5 U    | 0.5 U                 | 0.5 U    | 0.5 U                 |
| 1,2-Dichloropropane                    | µg/L                   | 5               | MCL                   | 0.5 U    | 0.5 U                  | 0.5 U    | 500 U                  | 5 U       | 0.5 U                 | 0.5 U     | 0.5 U                 | 0.5 U    | 0.5 U                 | 0.5 U    | 0.5 U                 |
| Benzene                                | µg/L                   | 5               | MCL                   | 0.5 U    | 0.5 U                  | 0.5 U    | 500 U                  | 5 U       | 0.5 U                 | 0.5 U     | 0.5 U                 | 0.5 U    | 0.5 U                 | 0.5 U    | 0.5 U                 |
| Carbon tetrachloride                   | µg/L                   | 5               | MCL                   | 0.5 U    | 28.0                   | 0.5 U    | 4300                   | 109       | 0.5 U                 | 1.2       | 0.5 U                 | 0.5 U    | 0.5 U                 | 0.5 U    | 0.5 U                 |
| Chloroform (Trichloromethane)          | µg/L                   | 70              | MCLG                  | 0.5 U    | 6.1                    | 0.5 U    | 13600                  | 119       | 0.5 U                 | 0.5 U     | 0.5 U                 | 0.5 U    | 0.5 U                 | 0.5 U    | 0.5 U                 |
| Chloromethane (Methyl chloride)        | µg/L                   | 190             | RSL                   | 0.5 U    | 0.5 U                  | 0.5 U    | 500 U                  | 5 U       | 0.5 U                 | 0.5 U     | 0.5 U                 | 0.5 U    | 0.5 U                 | 0.5 U    | 0.5 U                 |
| Methylene chloride                     | µg/L                   | 5               | MCL                   | 0.5 U    | 0.5 U                  | 0.5 U    | 500 U                  | 5 U       | 0.5 U                 | 0.5 U     | 0.5 U                 | 0.5 U    | 0.5 U                 | 0.5 U    | 0.5 U                 |
| Tetrachloroethene                      | µg/L                   | 5               | MCL                   | 0.5 U    | 0.5 U                  | 0.5 U    | 1400                   | 49        | 0.5 U                 | 0.5 U     | 0.5 U                 | 0.5 U    | 0.5 U                 | 0.5 U    | 0.5 U                 |
| Trichloroethene                        | µg/L                   | 5               | MCL                   | 0.5 U    | 0.5 U                  | 0.5 U    | 500 U                  | 5 U       | 0.5 U                 | 0.5 U     | 0.5 U                 | 0.5 U    | 0.5 U                 | 0.5 U    | 0.5 U                 |
| Vinyl chloride                         | µg/L                   | 2               | MCL                   | 2.4      | 0.5 U                  | 0.5 U    | 500 U                  | 5 U       | 0.5 U                 | 0.5 U     | 0.5 U                 | 0.5 U    | 0.5 U                 | 0.5 U    | 0.5 U                 |
| <b>Semi-volatile Organic Compounds</b> |                        |                 |                       |          |                        |          |                        |           |                       |           |                       |          |                       |          |                       |
| 2,3,4,5-Tetrachlorophenol              | µg/L                   |                 |                       | 5.0 U    | 5.0 U                  | 5.0 U    | 5.0 U                  | 5.0 U     | 5.0 U                 | 5.0 U     | 5.0 U                 | 5.0 U    | 5.0 U                 | 5.0 U    | 5.0 U                 |
| 2,3,4,6-Tetrachlorophenol              | µg/L                   | 240             | RSL                   | 5.0 U    | 5.0 U                  | 5.0 U    | 9.5                    | 5.0 U     | 5.0 U                 | 5.0 U     | 5.0 U                 | 5.0 U    | 5.0 U                 | 5.0 U    | 5.0 U                 |
| 2,4,5-Trichlorophenol                  | µg/L                   | 1200            | RSL                   | 5.0 U    | 5.0 U                  | 5.0 U    | 5.0 U                  | 5.0 U     | 5.0 U                 | 5.0 U     | 5.0 U                 | 5.0 U    | 5.0 U                 | 5.0 U    | 5.0 U                 |
| 2,4,6-Trichlorophenol                  | µg/L                   | 4               | RSL                   | 5.0 U    | 5.0 U                  | 5.0 U    | 72.7                   | 5.0 U     | 5.0 U                 | 5.0 U     | 5.0 U                 | 5.0 U    | 5.0 U                 | 5.0 U    | 5.0 U                 |
| 2,4-Dichlorophenol                     | µg/L                   | 46              | RSL                   | 5.0 U    | 5.0 U                  | 5.0 U    | 206                    | 5.0 U     | 5.0 U                 | 5.0 U     | 5.0 U                 | 5.0 U    | 5.0 U                 | 5.0 U    | 5.0 U                 |
| 2,5-Dichlorophenol                     | µg/L                   |                 |                       | 5.0 U    | 5.0 U                  | 5.0 U    | 5.0 U                  | 5.0 U     | 5.0 U                 | 5.0 U     | 5.0 U                 | 5.0 U    | 5.0 U                 | 5.0 U    | 5.0 U                 |
| 2,6-Dichlorophenol                     | µg/L                   |                 |                       | 5.0 U    | 5.0 U                  | 5.0 U    | 109                    | 5.0 U     | 5.0 U                 | 5.0 U     | 5.0 U                 | 5.0 U    | 5.0 U                 | 5.0 U    | 5.0 U                 |
| 2-Chlorophenol                         | µg/L                   | 91              | RSL                   | 5.0 U    | 5.0 U                  | 5.0 U    | 6.7                    | 5.0 U     | 5.0 U                 | 5.0 U     | 5.0 U                 | 5.0 U    | 5.0 U                 | 5.0 U    | 5.0 U                 |
| 3/4-Chlorophenol                       | µg/L                   |                 |                       | 5.0 U    | 5.0 U                  | 5.0 U    | 20.7                   | 5.0 U     | 5.0 U                 | 5.0 U     | 5.0 U                 | 5.0 U    | 5.0 U                 | 5.0 U    | 5.0 U                 |
| alpha-BHC                              | µg/L                   | 0.0071          | RSL                   | 0.011 U  | 0.118                  | 0.011 U  | 0.67 J                 | 0.068     | 0.011 U               | 0.011 U   | 0.011 U               | 0.011 U  | 0.011 U               | 0.011 U  | 0.011 U               |
| beta-BHC                               | µg/L                   | 0.025           | RSL                   | 0.037 U  | 0.271                  | 0.037 U  | 1.03 J                 | 4.28      | 0.037 U               | 0.037 U   | 0.037 U               | 0.037 U  | 0.037 U               | 0.037 U  | 0.037 U               |
| delta-BHC                              | µg/L                   |                 |                       | 0.05 U   | 0.05 U                 | 0.05 U   | 0.6 J                  | 0.05 U    | 0.05 U                | 0.05 U    | 0.05 U                | 0.05 U   | 0.05 U                | 0.05 U   | 0.05 U                |
| gamma-BHC (lindane)                    | µg/L                   | 0.2             | MCL                   | 0.052 U  | 0.059                  | 0.052 U  | 0.84 J                 | 0.052 U   | 0.052 U               | 0.052 U   | 0.052 U               | 0.052 U  | 0.052 U               | 0.052 U  | 0.052 U               |
| Hexachlorobenzene                      | µg/L                   | 1               | MCL                   | 0.10 U   | 0.10 U                 | 0.10 U   | 1.0 U                  | 0.10 U    | 0.10 U                | 0.10 U    | 0.10 U                | 0.10 U   | 0.10 U                | 0.10 U   | 0.10 U                |
| Hexachlorobutadiene                    | µg/L                   | 0.3             | RSL                   | 0.02 U   | 0.02 U                 | 0.02 U   | 7.9 J                  | 1.02      | 0.02 U                | 0.02 U    | 0.02 U                | 0.02 U   | 0.02 U                | 0.02 U   | 0.02 U                |
| Hexachloroethane                       | µg/L                   | 0.9             | RSL                   | 0.02 U   | 0.02 U                 | 0.02 U   | 17.2 J                 | 0.76      | 0.02 U                | 0.02 U    | 0.02 U                | 0.02 U   | 0.02 U                | 0.02 U   | 0.02 U                |
| <b>Herbicides</b>                      |                        |                 |                       |          |                        |          |                        |           |                       |           |                       |          |                       |          |                       |
| 2,4-Dichlorophenoxyacetic acid (2,4-D) | µg/L                   | 70              | MCL                   | 1.0 U    | 1.0 U                  | 1.0 U    | 5.0                    | 1.0 U     | 1.0 U                 | 1.0 U     | 1.0 U                 | 1.0 U    | 1.0 U                 | 1.0 U    | 1.0 U                 |
| Pentachlorophenol                      | µg/L                   | 1               | MCL                   | 0.5 U    | 0.5 U                  | 0.5 U    | 5.1                    | 0.5 U     | 0.5 U                 | 0.5 U     | 0.5 U                 | 0.5 U    | 0.5 U                 | 0.5 U    | 0.5 U                 |
| <b>General Chemistry</b>               |                        |                 |                       |          |                        |          |                        |           |                       |           |                       |          |                       |          |                       |
| Chloride                               | mg/L                   | 250             | MCL                   | 177      | 309                    | 65       | 1330                   | 220       | 30.5                  | 62        | 21.7                  |          |                       |          |                       |
| Hardness, calculation                  | mgCaCO <sub>3</sub> /L |                 |                       | 128      | 478                    | 255      | 589                    | 353       | 353                   | 197       | 352                   |          |                       |          |                       |

TABLE 6

**ANALYTICAL RESULTS SUMMARY  
SPRING 2014  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS**

| Sample Location:                       | MW14S3                 | MW15S2                | MW15S4                | MW16S1A                | MW16S2SS                | MW16S4R                | MW17S1                | MW17S3A                |
|--|------------------------|-----------------------|-----------------------|------------------------|-------------------------|------------------------|-----------------------|------------------------|
| Sample ID:                             | WG-05072014-AK-MW14S3  | WG-05202014-AK-MW15S2 | WG-05092014-AK-MW15S4 | WG-05092014-AK-MW16S1A | WG-05142014-AK-MW16S2SS | WG-05092014-AK-MW16S4R | WG-05102014-JR-MW17S1 | WG-05102014-JR-MW17S3A |
| Sample Date:                           | 5/7/2014               | 5/20/2014             | 5/9/2014              | 5/9/2014               | 5/14/2014               | 5/9/2014               | 5/10/2014             | 5/10/2014              |
| Parameters                             | Units                  | Criteria              | Type                  |                        |                         |                        |                       |                        |
| <b>Volatile Organic Compounds</b>      |                        |                       |                       |                        |                         |                        |                       |                        |
| 1,1,1-Trichloroethane                  | µg/L                   | 200                   | MCL                   | 100 U                  | 10 U                    | 0.5 U                  | 0.5 U                 | 0.5 U                  |
| 1,2-Dichloroethane                     | µg/L                   | 5                     | MCL                   | 100 U                  | 10 U                    | 0.5 U                  | 0.5 U                 | 0.5 U                  |
| 1,2-Dichloropropane                    | µg/L                   | 5                     | MCL                   | 100 U                  | 10 U                    | 0.5 U                  | 0.5 U                 | 0.5 U                  |
| Benzene                                | µg/L                   | 5                     | MCL                   | 100 U                  | 10 U                    | 0.5 U                  | 0.5 U                 | 0.5 U                  |
| Carbon tetrachloride                   | µg/L                   | 5                     | MCL                   | 4160                   | 749                     | 0.5 U                  | 20.3                  | 43                     |
| Chloroform (Trichloromethane)          | µg/L                   | 70                    | MCLG                  | 5540                   | 25                      | 0.5 U                  | 250                   | 0.5 U                  |
| Chloromethane (Methyl chloride)        | µg/L                   | 190                   | RSL                   | 100 U                  | 10 U                    | 0.5 U                  | 0.5 U                 | 0.5 U                  |
| Methylene chloride                     | µg/L                   | 5                     | MCL                   | 100 U                  | 10 U                    | 0.5 U                  | 0.5 U                 | 0.5 U                  |
| Tetrachloroethylene                    | µg/L                   | 5                     | MCL                   | 720                    | 10 U                    | 0.5 U                  | 0.5 U                 | 0.5 U                  |
| Trichloroethylene                      | µg/L                   | 5                     | MCL                   | 100 U                  | 10 U                    | 0.5 U                  | 0.5 U                 | 0.5 U                  |
| Vinyl chloride                         | µg/L                   | 2                     | MCL                   | 100 U                  | 10 U                    | 0.5 U                  | 0.5 U                 | 0.5 U                  |
| <b>Semi-volatile Organic Compounds</b> |                        |                       |                       |                        |                         |                        |                       |                        |
| 2,3,4,5-Tetrachlorophenol              | µg/L                   |                       |                       | 5.0 U                  | 5.0 U                   | 5.0 U                  | 5.0 U                 | 5.0 U                  |
| 2,3,4,6-Tetrachlorophenol              | µg/L                   | 240                   | RSL                   | 5.0 U                  | 5.0 U                   | 5.0 U                  | 5.0 U                 | 5.0 U                  |
| 2,4,5-Trichlorophenol                  | µg/L                   | 1200                  | RSL                   | 5.0 U                  | 5.0 U                   | 5.0 U                  | 5.0 U                 | 5.0 U                  |
| 2,4,6-Trichlorophenol                  | µg/L                   | 4                     | RSL                   | 5.0 U                  | 5.0 U                   | 5.0 U                  | 5.0 U                 | 5.0 U                  |
| 2,4-Dichlorophenol                     | µg/L                   | 46                    | RSL                   | 5.0 U                  | 5.0 U                   | 5.0 U                  | 5.0 U                 | 5.0 U                  |
| 2,5-Dichlorophenol                     | µg/L                   |                       |                       | 5.0 U                  | 5.0 U                   | 5.0 U                  | 1300                  | 5.0 U                  |
| 2,6-Dichlorophenol                     | µg/L                   |                       |                       | 5.0 U                  | 5.0 U                   | 5.0 U                  | 5.0 U                 | 5.0 U                  |
| 2-Chlorophenol                         | µg/L                   | 91                    | RSL                   | 5.0 U                  | 5.0 U                   | 5.0 U                  | 53.8                  | 5.0 U                  |
| 3/4-Chlorophenol                       | µg/L                   |                       |                       | 5.0 U                  | 5.0 U                   | 5.0 U                  | 1280                  | 5.0 U                  |
| alpha-BHC                              | µg/L                   | 0.0071                | RSL                   | 0.404 J                | 0.011 U                 | 0.011 U                | 1560                  | 5.0 U                  |
| beta-BHC                               | µg/L                   | 0.025                 | RSL                   | 0.646 J                | 0.218                   | 0.042                  | 0.625                 | 0.011 U                |
| delta-BHC                              | µg/L                   |                       |                       | 0.51 J                 | 0.05 U                  | 0.05 U                 | 1.47                  | 0.011 U                |
| gamma-BHC (lindane)                    | µg/L                   | 0.2                   | MCL                   | 0.602 J                | 0.052 U                 | 0.052 U                | 0.261                 | 0.037 U                |
| Hexachlorobenzene                      | µg/L                   | 1                     | MCL                   | 0.40 U                 | 0.10 U                  | 0.10 U                 | 0.10 U                | 0.052 U                |
| Hexachlorobutadiene                    | µg/L                   | 0.3                   | RSL                   | 1.6 J                  | 0.02 U                  | 0.02 U                 | 0.02 U                | 0.052 U                |
| Hexachloroethane                       | µg/L                   | 0.9                   | RSL                   | 7.46 J                 | 0.04                    | 0.02 U                 | 0.02 U                | 0.10 U                 |
| <b>Herbicides</b>                      |                        |                       |                       |                        |                         |                        |                       |                        |
| 2,4-Dichlorophenoxyacetic acid (2,4-D) | µg/L                   | 70                    | MCL                   | 1.0 U                  | 1.0 U                   | 1.0 U                  | 1.0 U                 | 1.0 U                  |
| Pentachlorophenol                      | µg/L                   | 1                     | MCL                   | 5.0                    | 0.5 U                   | 0.5 U                  | 0.5 U                 | 0.5 U                  |
| <b>General Chemistry</b>               |                        |                       |                       |                        |                         |                        |                       |                        |
| Chloride                               | mg/L                   | 250                   | MCL                   | 790                    | 522                     | 6.0                    | 1800                  | 15.5                   |
| Hardness, calculation                  | mgCaCO <sub>3</sub> /L |                       |                       | 946                    | 497                     | 66.2                   | 462                   | 23.2                   |
|  |                        |                       |                       |                        |                         |                        | 208                   | 25.5                   |
|  |                        |                       |                       |                        |                         |                        | 377                   | 254                    |

TABLE 6

**ANALYTICAL RESULTS SUMMARY  
SPRING 2014  
occidental chemical corporation  
WICHITA, KANSAS**

| Sample Location:                       | MW17S3B                |          | MW18S1                |         | MW18S3                |        | MW19S1                |       | MW19S2                |         | MW19S4                |         | MW20S1                |         | MW20S3                |  |
|--|------------------------|----------|-----------------------|---------|-----------------------|--------|-----------------------|-------|-----------------------|---------|-----------------------|---------|-----------------------|---------|-----------------------|--|
| Sample ID:                             | WG-05102014-JR-MW17S3B |          | WG-05212014-JR-MW18S1 |         | WG-05212014-JR-MW18S3 |        | WG-05202014-JR-MW19S1 |       | WG-05212014-JR-MW19S2 |         | WG-05212014-JR-MW19S4 |         | WG-05072014-JR-MW20S1 |         | WG-05072014-JR-MW20S3 |  |
| Sample Date:                           | 5/10/2014              |          | 5/21/2014             |         | 5/21/2014             |        | 5/20/2014             |       | 5/21/2014             |         | 5/21/2014             |         | 5/7/2014              |         | 5/7/2014              |  |
| Parameters                             | Units                  | Criteria | Type                  |         |                       |        |                       |       |                       |         |                       |         |                       |         |                       |  |
| <b>Volatile Organic Compounds</b>      |                        |          |                       |         |                       |        |                       |       |                       |         |                       |         |                       |         |                       |  |
| 1,1,1-Trichloroethane                  | µg/L                   | 200      | MCL                   | 0.5 U   | 1000                  | 2000 U | 2 U                   | 50 U  | 1300                  | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 |  |
| 1,2-Dichloroethane                     | µg/L                   | 5        | MCL                   | 0.5 U   | 1000 U                | 2000 U | 2 U                   | 50 U  | 500 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 |  |
| 1,2-Dichloropropane                    | µg/L                   | 5        | MCL                   | 0.5 U   | 1000 U                | 2000 U | 2 U                   | 50 U  | 500 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 |  |
| Benzene                                | µg/L                   | 5        | MCL                   | 0.5 U   | 1000 U                | 2000 U | 2 U                   | 50 U  | 90                    | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 |  |
| Carbon tetrachloride                   | µg/L                   | 5        | MCL                   | 0.5 U   | 160000                | 74300  | 62.6                  | 2490  | 21000                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 |  |
| Chloroform (Trichloromethane)          | µg/L                   | 70       | MCLG                  | 0.5 U   | 75200                 | 62200  | 30.                   | 5360  | 19300                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 60.6                  |  |
| Chloromethane (Methyl chloride)        | µg/L                   | 190      | RSL                   | 0.5 U   | 1000 U                | 2000 U | 2 U                   | 50 U  | 500 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 1.8                   |  |
| Methylene chloride                     | µg/L                   | 5        | MCL                   | 0.5 U   | 2000                  | 2000 U | 2 U                   | 150   | 500 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 |  |
| Tetrachloroethene                      | µg/L                   | 5        | MCL                   | 0.5 U   | 42900                 | 16000  | 287                   | 5430  | 7900                  | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 |  |
| Trichloroethene                        | µg/L                   | 5        | MCL                   | 0.5 U   | 1000                  | 2000 U | 3                     | 760   | 700                   | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 |  |
| Vinyl chloride                         | µg/L                   | 2        | MCL                   | 0.5 U   | 1000 U                | 2000 U | 2 U                   | 50 U  | 500 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 |  |
| <b>Semi-volatile Organic Compounds</b> |                        |          |                       |         |                       |        |                       |       |                       |         |                       |         |                       |         |                       |  |
| 2,3,4,5-Tetrachlorophenol              | µg/L                   |          |                       | 5.0 U   | 5.0 U                 | 5.0 U  | 5.0 U                 | 5.0 U | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 |  |
| 2,3,4,6-Tetrachlorophenol              | µg/L                   | 240      | RSL                   | 5.0 U   | 135                   | 20.2   | 5.0 U                 | 9.8   | 5.9                   | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 |  |
| 2,4,5-Trichlorophenol                  | µg/L                   | 1200     | RSL                   | 5.0 U   | 5.0 U                 | 5.0 U  | 5.0 U                 | 5.0 U | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 |  |
| 2,4,6-Trichlorophenol                  | µg/L                   | 4        | RSL                   | 5.0 U   | 153                   | 8.4    | 5.0 U                 | 5.0 U | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 |  |
| 2,4-Dichlorophenol                     | µg/L                   | 46       | RSL                   | 5.0 U   | 38.2                  | 5.0 U  | 5.0 U                 | 5.0 U | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 |  |
| 2,5-Dichlorophenol                     | µg/L                   |          |                       | 5.0 U   | 5.0 U                 | 5.0 U  | 5.0 U                 | 5.0 U | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 |  |
| 2,6-Dichlorophenol                     | µg/L                   |          |                       | 5.0 U   | 13.9                  | 5.0 U  | 5.0 U                 | 5.0 U | 103                   | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 |  |
| 2-Chlorophenol                         | µg/L                   | 91       | RSL                   | 5.0 U   | 8.6                   | 5.0 U  | 5.0 U                 | 5.0 U | 35.2                  | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 |  |
| 3/4-Chlorophenol                       | µg/L                   |          |                       | 5.0 U   | 5.0 U                 | 5.0 U  | 5.0 U                 | 5.0 U | 28.2                  | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 | 5.0 U   | 5.0 U                 |  |
| alpha-BHC                              | µg/L                   | 0.0071   | RSL                   | 0.011 U | 7.93                  | 2.8 U  | 0.22 U                | 3.3 U | 1.13                  | 0.011 U | 0.011 U               | 0.011 U | 0.011 U               | 0.011 U | 0.011 U               |  |
| beta-BHC                               | µg/L                   | 0.025    | RSL                   | 0.037 U | 4.52                  | 7.4 U  | 0.74 U                | 22.8  | 5.43                  | 0.037 U | 0.037 U               | 0.037 U | 0.037 U               | 0.037 U | 0.037 U               |  |
| delta-BHC                              | µg/L                   |          |                       | 0.05 U  | 2.7                   | 10 U   | 1 U                   | 10 U  | 0.5 U                 | 0.05 U  | 0.05 U                | 0.05 U  | 0.05 U                | 0.05 U  | 0.05 U                |  |
| gamma-BHC (lindane)                    | µg/L                   | 0.2      | MCL                   | 0.052 U | 1.96                  | 10 U   | 1.0 U                 | 10 U  | 1.93                  | 0.052 U | 0.052 U               | 0.052 U | 0.052 U               | 0.052 U | 0.052 U               |  |
| Hexachlorobenzene                      | µg/L                   | 1        | MCL                   | 0.10 U  | 20.0                  | 20 U   | 2.0 U                 | 607   | 250 U                 | 0.10 U  | 0.10 U                | 0.10 U  | 0.10 U                | 0.10 U  | 0.10 U                |  |
| Hexachlorobutadiene                    | µg/L                   | 0.3      | RSL                   | 0.02 U  | 150                   | 97     | 48.4                  | 308   | 6430                  | 0.02 U  | 0.02 U                | 0.02 U  | 0.02 U                | 0.02 U  | 0.02 U                |  |
| Hexachloroethane                       | µg/L                   | 0.9      | RSL                   | 0.02 U  | 855                   | 349    | 36.5                  | 265   | 1300                  | 0.02 U  | 0.02 U                | 0.02 U  | 0.02 U                | 0.02 U  | 0.02 U                |  |
| <b>Herbicides</b>                      |                        |          |                       |         |                       |        |                       |       |                       |         |                       |         |                       |         |                       |  |
| 2,4-Dichlorophenoxyacetic acid (2,4-D) | µg/L                   | 70       | MCL                   | 1.0 U   | 13                    | 3.7    | 3.6                   | 1900  | 2.0 U                 | 1.0 U   | 1.0 U                 | 1.0 U   | 1.0 U                 | 1.0 U   | 1.0 U                 |  |
| Pentachlorophenol                      | µg/L                   | 1        | MCL                   | 0.5 U   | 440                   | 150    | 0.5 U                 | 12 J  | 3.2                   | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 | 0.5 U   | 0.5 U                 |  |
| <b>General Chemistry</b>               |                        |          |                       |         |                       |        |                       |       |                       |         |                       |         |                       |         |                       |  |
| Chloride                               | mg/L                   | 250      | MCL                   | 18.2    | 897                   | 650.   | 958                   | 8830  | 3140                  | 22.8    | 22.8                  | 22.8    | 22.8                  | 22.8    | 22.8                  |  |
| Hardness, calculation                  | mgCaCO <sub>3</sub> /L |          |                       | 411     | 757                   | 459    | 650                   | 4130  | 1470                  | 226     | 226                   | 226     | 226                   | 226     | 226                   |  |

TABLE 6

**ANALYTICAL RESULTS SUMMARY  
SPRING 2014  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS**

| Sample Location:                       | MW21S1                 |          |      | MW21S3                |  |  | MW22S1                |  |         | MW22S2                |         |  | MW22S2             |  |         | MW22S4                |         |  | MW24S1                |  |         |  |  |  |
|--|------------------------|----------|------|-----------------------|--|--|-----------------------|--|---------|-----------------------|---------|--|--------------------|--|---------|-----------------------|---------|--|-----------------------|--|---------|--|--|--|
| Sample ID:                             | WG-05092014-AK-MW21S1  |          |      | WG-05092014-AK-MW21S3 |  |  | WG-05072014-AK-MW22S1 |  |         | WG-05202014-JR-MW22S2 |         |  | WG-05202014-JR-FD6 |  |         | WG-05072014-AK-MW22S4 |         |  | WG-05132014-JR-MW24S1 |  |         |  |  |  |
| Sample Date:                           | 5/9/2014               |          |      | 5/9/2014              |  |  | 5/7/2014              |  |         | 5/20/2014             |         |  | 5/20/2014          |  |         | 5/7/2014              |         |  | 5/13/2014             |  |         |  |  |  |
| Parameters                             | Units                  | Criteria | Type |                       |  |  |                       |  |         |                       |         |  |                    |  |         |                       |         |  |                       |  |         |  |  |  |
| <b>Volatile Organic Compounds</b>      |                        |          |      |                       |  |  |                       |  |         |                       |         |  |                    |  |         |                       |         |  |                       |  |         |  |  |  |
| 1,1,1-Trichloroethane                  | µg/L                   | 200      | MCL  | 0.5 U                 |  |  | 0.5 U                 |  | 0.5 U   |                       | 50 U    |  | 50 U               |  | 0.5 U   |                       | 0.5 U   |  | 5 U                   |  | 0.5 U   |  |  |  |
| 1,2-Dichloroethane                     | µg/L                   | 5        | MCL  | 0.5 U                 |  |  | 0.5 U                 |  | 0.5 U   |                       | 50 U    |  | 50 U               |  | 0.5 U   |                       | 0.5 U   |  | 5 U                   |  | 0.5 U   |  |  |  |
| 1,2-Dichloropropane                    | µg/L                   | 5        | MCL  | 0.5 U                 |  |  | 0.5 U                 |  | 0.5 U   |                       | 50 U    |  | 50 U               |  | 0.5 U   |                       | 0.5 U   |  | 5 U                   |  | 0.5 U   |  |  |  |
| Benzene                                | µg/L                   | 5        | MCL  | 0.5 U                 |  |  | 0.5 U                 |  | 0.5 U   |                       | 50 U    |  | 50 U               |  | 0.5 U   |                       | 0.5 U   |  | 5 U                   |  | 0.5 U   |  |  |  |
| Carbon tetrachloride                   | µg/L                   | 5        | MCL  | 0.5 U                 |  |  | 8.8                   |  | 17.4    |                       | 3730    |  | 4220               |  | 0.5 U   |                       | 0.5 U   |  | 54                    |  | 15.9    |  |  |  |
| Chloroform (Trichloromethane)          | µg/L                   | 70       | MCLG | 0.5 U                 |  |  | 0.6                   |  | 3.4     |                       | 110     |  | 130                |  | 0.5 U   |                       | 0.5 U   |  | 99                    |  | 16.4    |  |  |  |
| Chloromethane (Methyl chloride)        | µg/L                   | 190      | RSL  | 0.5 U                 |  |  | 0.5 U                 |  | 0.5 U   |                       | 50 U    |  | 50 U               |  | 0.5 U   |                       | 0.5 U   |  | 5 U                   |  | 0.5 U   |  |  |  |
| Methylene chloride                     | µg/L                   | 5        | MCL  | 0.5 U                 |  |  | 0.5 U                 |  | 0.5 U   |                       | 50 U    |  | 50 U               |  | 0.5 U   |                       | 0.5 U   |  | 5 U                   |  | 0.5 U   |  |  |  |
| Tetrachloroethene                      | µg/L                   | 5        | MCL  | 0.5 U                 |  |  | 0.5 U                 |  | 0.5 U   |                       | 50 U    |  | 50 U               |  | 0.5 U   |                       | 0.5 U   |  | 21                    |  | 4.3     |  |  |  |
| Trichloroethene                        | µg/L                   | 5        | MCL  | 0.5 U                 |  |  | 0.5 U                 |  | 0.5 U   |                       | 50 U    |  | 50 U               |  | 0.5 U   |                       | 0.5 U   |  | 5 U                   |  | 0.5 U   |  |  |  |
| Vinyl chloride                         | µg/L                   | 2        | MCL  | 0.5 U                 |  |  | 0.5 U                 |  | 0.5 U   |                       | 50 U    |  | 50 U               |  | 0.5 U   |                       | 0.5 U   |  | 5 U                   |  | 0.5 U   |  |  |  |
| <b>Semi-volatile Organic Compounds</b> |                        |          |      |                       |  |  |                       |  |         |                       |         |  |                    |  |         |                       |         |  |                       |  |         |  |  |  |
| 2,3,4,5-Tetrachlorophenol              | µg/L                   |          |      | 5.0 U                 |  |  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U              |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U                 |  | 5.0 U   |  |  |  |
| 2,3,4,6-Tetrachlorophenol              | µg/L                   | 240      | RSL  | 5.0 U                 |  |  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U              |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U                 |  | 5.0 U   |  |  |  |
| 2,4,5-Trichlorophenol                  | µg/L                   | 1200     | RSL  | 5.0 U                 |  |  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U              |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U                 |  | 5.0 U   |  |  |  |
| 2,4,6-Trichlorophenol                  | µg/L                   | 4        | RSL  | 5.0 U                 |  |  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U              |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U                 |  | 5.0 U   |  |  |  |
| 2,4-Dichlorophenol                     | µg/L                   | 46       | RSL  | 5.0 U                 |  |  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U              |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U                 |  | 5.0 U   |  |  |  |
| 2,5-Dichlorophenol                     | µg/L                   |          |      | 5.0 U                 |  |  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U              |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U                 |  | 5.0 U   |  |  |  |
| 2,6-Dichlorophenol                     | µg/L                   |          |      | 5.0 U                 |  |  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U              |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U                 |  | 5.0 U   |  |  |  |
| 2-Chlorophenol                         | µg/L                   | 91       | RSL  | 5.0 U                 |  |  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U              |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U                 |  | 5.0 U   |  |  |  |
| 3/4-Chlorophenol                       | µg/L                   |          |      | 5.0 U                 |  |  | 5.0 U                 |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U              |  | 5.0 U   |                       | 5.0 U   |  | 5.0 U                 |  | 5.0 U   |  |  |  |
| alpha-BHC                              | µg/L                   | 0.0071   | RSL  | 0.011 U               |  |  | 0.011 U               |  | 0.011 U |                       | 0.026 U |  | 0.024 U            |  | 0.011 U |                       | 0.023 U |  | 0.011 U               |  | 0.011 U |  |  |  |
| beta-BHC                               | µg/L                   | 0.025    | RSL  | 0.037 U               |  |  | 0.037 U               |  | 0.037 U |                       | 0.113   |  | 0.107              |  | 0.037 U |                       | 0.037 U |  | 0.037 U               |  | 0.037 U |  |  |  |
| delta-BHC                              | µg/L                   |          |      | 0.05 U                |  |  | 0.05 U                |  | 0.05 U  |                       | 0.05 U  |  | 0.05 U             |  | 0.05 U  |                       | 0.05 U  |  | 0.05 U                |  | 0.05 U  |  |  |  |
| gamma-BHC (lindane)                    | µg/L                   | 0.2      | MCL  | 0.052 U               |  |  | 0.052 U               |  | 0.052 U |                       | 0.052 U |  | 0.052 U            |  | 0.052 U |                       | 0.052 U |  | 0.052 U               |  | 0.052 U |  |  |  |
| Hexachlorobenzene                      | µg/L                   | 1        | MCL  | 0.10 U                |  |  | 0.10 U                |  | 0.10 U  |                       | 0.10 U  |  | 0.10 U             |  | 0.10 U  |                       | 0.10 U  |  | 0.10 U                |  | 0.10 U  |  |  |  |
| Hexachlorobutadiene                    | µg/L                   | 0.3      | RSL  | 0.02 U                |  |  | 0.02 U                |  | 0.02 U  |                       | 0.02 U  |  | 0.02 U             |  | 0.02 U  |                       | 0.02 U  |  | 0.10                  |  | 0.02 U  |  |  |  |
| Hexachloroethane                       | µg/L                   | 0.9      | RSL  | 0.02 U                |  |  | 0.02 U                |  | 0.02 U  |                       | 1.05    |  | 0.98               |  | 0.02 U  |                       | 0.22    |  | 290                   |  | 92      |  |  |  |
| <b>Herbicides</b>                      |                        |          |      |                       |  |  |                       |  |         |                       |         |  |                    |  |         |                       |         |  |                       |  |         |  |  |  |
| 2,4-Dichlorophenoxyacetic acid (2,4-D) | µg/L                   | 70       | MCL  | 1.0 U                 |  |  | 1.0 U                 |  | 1.0 U   |                       | 1.0 U   |  | 1.0 U              |  | 1.0 U   |                       | 1.0 U   |  | 1.0 U                 |  | 1.0 U   |  |  |  |
| Pentachlorophenol                      | µg/L                   | 1        | MCL  | 0.5 U                 |  |  | 0.5 U                 |  | 0.5 U   |                       | 0.5 U   |  | 0.5 U              |  | 0.5 U   |                       | 0.5 U   |  | 0.5 U                 |  | 0.5 U   |  |  |  |
| <b>General Chemistry</b>               |                        |          |      |                       |  |  |                       |  |         |                       |         |  |                    |  |         |                       |         |  |                       |  |         |  |  |  |
| Chloride                               | mg/L                   | 250      | MCL  | 1400                  |  |  | 97                    |  | 146     |                       | 520     |  | 538                |  | 1.9     |                       | 36.1    |  |                       |  |         |  |  |  |
| Hardness, calculation                  | mgCaCO <sub>3</sub> /L |          |      | 948                   |  |  |                       |  |         |                       |         |  |                    |  |         |                       |         |  |                       |  |         |  |  |  |

TABLE 6

**ANALYTICAL RESULTS SUMMARY  
SPRING 2014  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS**

| Sample Location:                       | MW24S4                 | MW25S1                | MW26S1                | MW26S3                | MW27S1                | MW27S2                | MW28S1                | MW28S2                |
|--|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Sample ID:                             | WG-05142014-JR-MW24S4  | WG-05122014-AK-MW25S1 | WG-05102014-AK-MW26S1 | WG-05102014-AK-MW26S3 | WG-06112014-JR-MW27S1 | WG-06112014-JR-MW27S2 | WG-05092014-JR-MW28S1 | WG-05092014-JR-MW28S2 |
| Sample Date:                           | 5/14/2014              | 5/12/2014             | 5/10/2014             | 5/10/2014             | 6/11/2014             | 6/11/2014             | 5/9/2014              | 5/9/2014              |
| Parameters                             | Units                  | Criteria              | Type                  |                       |                       |                       |                       |                       |
| <b>Volatile Organic Compounds</b>      |                        |                       |                       |                       |                       |                       |                       |                       |
| 1,1,1-Trichloroethane                  | µg/L                   | 200                   | MCL                   | 0.5 U                 | 0.5 U                 | 0.5 U                 | 2 U                   | 0.5 U                 |
| 1,2-Dichloroethane                     | µg/L                   | 5                     | MCL                   | 0.5 U                 | 0.5 U                 | 0.5 U                 | 2 U                   | 0.5 U                 |
| 1,2-Dichloropropane                    | µg/L                   | 5                     | MCL                   | 0.5 U                 | 0.5 U                 | 0.5 U                 | 2 U                   | 0.5 U                 |
| Benzene                                | µg/L                   | 5                     | MCL                   | 0.5 U                 | 0.5 U                 | 0.5 U                 | 2 U                   | 0.5 U                 |
| Carbon tetrachloride                   | µg/L                   | 5                     | MCL                   | 0.5 U                 | 0.5 U                 | 0.5 U                 | 2 U                   | 2.9                   |
| Chloroform (Trichloromethane)          | µg/L                   | 70                    | MCLG                  | 0.5 U                 | 0.5 U                 | 0.5 U                 | 2 U                   | 0.5 U                 |
| Chloromethane (Methyl chloride)        | µg/L                   | 190                   | RSL                   | 0.5 U                 | 0.5 U                 | 0.5 U                 | 42.7                  | 0.5 U                 |
| Methylene chloride                     | µg/L                   | 5                     | MCL                   | 0.5 U                 | 0.5 U                 | 0.5 U                 | 2 U                   | 0.5 U                 |
| Tetrachloroethene                      | µg/L                   | 5                     | MCL                   | 0.5 U                 | 0.5 U                 | 4.4                   | 0.5 U                 | 0.5 U                 |
| Trichloroethene                        | µg/L                   | 5                     | MCL                   | 0.5 U                 | 0.5 U                 | 0.5 U                 | 173                   | 0.5 U                 |
| Vinyl chloride                         | µg/L                   | 2                     | MCL                   | 0.5 U                 | 0.5 U                 | 0.5 U                 | 49.7                  | 0.5 U                 |
|  |                        |                       |                       |                       |                       |                       | 8                     | 0.5 U                 |
|  |                        |                       |                       |                       |                       |                       | 546                   | 0.5 U                 |
|  |                        |                       |                       |                       |                       |                       | 45                    | 0.5 U                 |
|  |                        |                       |                       |                       |                       |                       | 2 U                   | 0.5 U                 |
|  |                        |                       |                       |                       |                       |                       | 5 U                   | 0.5 U                 |
| <b>Semi-volatile Organic Compounds</b> |                        |                       |                       |                       |                       |                       |                       |                       |
| 2,3,4,5-Tetrachlorophenol              | µg/L                   |                       |                       | 5.0 U                 |
| 2,3,4,6-Tetrachlorophenol              | µg/L                   | 240                   | RSL                   | 5.0 U                 |
| 2,4,5-Trichlorophenol                  | µg/L                   | 1200                  | RSL                   | 5.0 U                 |
| 2,4,6-Trichlorophenol                  | µg/L                   | 4                     | RSL                   | 5.0 U                 |
| 2,4-Dichlorophenol                     | µg/L                   | 46                    | RSL                   | 5.0 U                 |
| 2,5-Dichlorophenol                     | µg/L                   |                       |                       | 5.0 U                 |
| 2,6-Dichlorophenol                     | µg/L                   |                       |                       | 5.0 U                 |
| 2-Chlorophenol                         | µg/L                   | 91                    | RSL                   | 5.0 U                 |
| 3/4-Chlorophenol                       | µg/L                   |                       |                       | 5.0 U                 |
| alpha-BHC                              | µg/L                   | 0.0071                | RSL                   | 0.011 U               | 0.011 U               | 0.011 U               | 0.029                 | 0.011 U               |
| beta-BHC                               | µg/L                   | 0.025                 | RSL                   | 0.037 U               | 0.037 U               | 0.037 U               | 0.071                 | 0.028                 |
| delta-BHC                              | µg/L                   |                       |                       | 0.05 U                | 0.05 U                | 0.05 U                | 7.4 U                 | 0.037 U               |
| gamma-BHC (lindane)                    | µg/L                   | 0.2                   | MCL                   | 0.052 U               | 0.052 U               | 0.052 U               | 10 U                  | 0.05 U                |
| Hexachlorobenzene                      | µg/L                   | 1                     | MCL                   | 0.10 U                | 0.10 U                | 0.10 U                | 10 U                  | 0.052 U               |
| Hexachlorobutadiene                    | µg/L                   | 0.3                   | RSL                   | 0.02 U                | 0.02 U                | 0.02 U                | 20 U                  | 0.10 U                |
| Hexachloroethane                       | µg/L                   | 0.9                   | RSL                   | 0.02 U                | 0.02 U                | 0.02 U                | 596                   | 0.02 U                |
|  |                        |                       |                       |                       |                       |                       | 599                   | 0.02 U                |
|  |                        |                       |                       |                       |                       |                       | 2510                  | 0.02 U                |
|  |                        |                       |                       |                       |                       |                       | 170                   | 0.02 U                |
|  |                        |                       |                       |                       |                       |                       | 1030                  | 0.02 U                |
| <b>Herbicides</b>                      |                        |                       |                       |                       |                       |                       |                       |                       |
| 2,4-Dichlorophenoxyacetic acid (2,4-D) | µg/L                   | 70                    | MCL                   | 1.0 U                 |
| Pentachlorophenol                      | µg/L                   | 1                     | MCL                   | 0.5 U                 | 0.5 U                 | 0.5 U                 | 3.8                   | 0.5 U                 |
|  |                        |                       |                       |                       |                       |                       | 26                    | 0.5 U                 |
| <b>General Chemistry</b>               |                        |                       |                       |                       |                       |                       |                       |                       |
| Chloride                               | mg/L                   | 250                   | MCL                   | 200                   | 89                    | 111                   | 179                   | 92                    |
| Hardness, calculation                  | mgCaCO <sub>3</sub> /L |                       |                       | 163                   | 352                   | 385                   | 607                   | 297                   |
|  |                        |                       |                       |                       |                       |                       |                       | 360                   |
|  |                        |                       |                       |                       |                       |                       |                       | 300                   |

TABLE 6

**ANALYTICAL RESULTS SUMMARY  
SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS**

| Sample Location:                       | MW28S3                 | MW28S3                  | MW29S1                | MW29S2                | MW29S3                | MW30S1                | MW30S3                | MW31S1                |
|--|------------------------|-------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Sample ID:                             | WG-05092014-JR-MW28S3  | WG-05092014-JR-FD3      | WG-05192014-JR-MW29S1 | WG-05092014-JR-MW29S2 | WG-05192014-JR-MW29S3 | WG-05112014-JR-MW30S1 | WG-05112014-JR-MW30S3 | WG-05082014-JR-MW31S1 |
| Sample Date:                           | 5/9/2014               | 5/9/2014<br>(Duplicate) | 5/19/2014             | 5/9/2014              | 5/19/2014             | 5/11/2014             | 5/11/2014             | 5/8/2014              |
| Parameters                             | Units                  | Criteria                | Type                  |                       |                       |                       |                       |                       |
| <b>Volatile Organic Compounds</b>      |                        |                         |                       |                       |                       |                       |                       |                       |
| 1,1,1-Trichloroethane                  | µg/L                   | 200                     | MCL                   | 0.5 U                 | 0.5 U                 | 0.5 U                 | 2 U                   | 5 U                   |
| 1,2-Dichloroethane                     | µg/L                   | 5                       | MCL                   | 0.5 U                 | 0.5 U                 | 0.5 U                 | 90.8                  | 214                   |
| 1,2-Dichloropropane                    | µg/L                   | 5                       | MCL                   | 0.5 U                 | 0.5 U                 | 0.5 U                 | 2 U                   | 5 U                   |
| Benzene                                | µg/L                   | 5                       | MCL                   | 0.5 U                 | 0.5 U                 | 0.5 U                 | 59.8                  | 5                     |
| Carbon tetrachloride                   | µg/L                   | 5                       | MCL                   | 37.2                  | 47.4                  | 18.9                  | 2 U                   | 5 U                   |
| Chloroform (Trichloromethane)          | µg/L                   | 70                      | MCLG                  | 2.2                   | 2.6                   | 8.3                   | 2 U                   | 5 U                   |
| Chloromethane (Methyl chloride)        | µg/L                   | 190                     | RSL                   | 0.5 U                 | 0.5 U                 | 0.5 U                 | 2 U                   | 5 U                   |
| Methylene chloride                     | µg/L                   | 5                       | MCL                   | 0.5 U                 | 0.5 U                 | 0.5 U                 | 2 U                   | 5 U                   |
| Tetrachloroethene                      | µg/L                   | 5                       | MCL                   | 0.5 U                 | 0.5 U                 | 0.8                   | 11                    | 63                    |
| Trichloroethene                        | µg/L                   | 5                       | MCL                   | 0.5 U                 | 0.5 U                 | 0.7                   | 40.                   | 105                   |
| Vinyl chloride                         | µg/L                   | 2                       | MCL                   | 0.5 U                 | 0.5 U                 | 0.5 U                 | 2 U                   | 5 U                   |
|  |                        |                         |                       |                       |                       |                       | 3.4                   | 12700                 |
|  |                        |                         |                       |                       |                       |                       |                       | 175                   |
| <b>Semi-volatile Organic Compounds</b> |                        |                         |                       |                       |                       |                       |                       |                       |
| 2,3,4,5-Tetrachlorophenol              | µg/L                   |                         |                       | 5.0 U                 |
| 2,3,4,6-Tetrachlorophenol              | µg/L                   | 240                     | RSL                   | 5.0 U                 |
| 2,4,5-Trichlorophenol                  | µg/L                   | 1200                    | RSL                   | 5.0 U                 |
| 2,4,6-Trichlorophenol                  | µg/L                   | 4                       | RSL                   | 5.0 U                 | 5.0 U                 | 5.0 U                 | 11.1                  | 6.6                   |
| 2,4-Dichlorophenol                     | µg/L                   | 46                      | RSL                   | 5.0 U                 | 5.0 U                 | 5.0 U                 | 72.9                  | 27.3                  |
| 2,5-Dichlorophenol                     | µg/L                   |                         |                       | 5.0 U                 |
| 2,6-Dichlorophenol                     | µg/L                   |                         |                       | 5.0 U                 |
| 2-Chlorophenol                         | µg/L                   | 91                      | RSL                   | 5.0 U                 | 5.0 U                 | 5.0 U                 | 20.9                  | 5.0 U                 |
| 3/4-Chlorophenol                       | µg/L                   |                         |                       | 5.0 U                 |
| alpha-BHC                              | µg/L                   | 0.0071                  | RSL                   | 0.011 U               | 0.011 U               | 0.023 U               | 0.371                 | 0.063                 |
| beta-BHC                               | µg/L                   | 0.025                   | RSL                   | 0.037 U               | 0.037 U               | 0.243                 | 1.91                  | 1.28 J                |
| delta-BHC                              | µg/L                   |                         |                       | 0.05 U                | 0.05 U                | 0.05 U                | 0.128                 | 0.325                 |
| gamma-BHC (lindane)                    | µg/L                   | 0.2                     | MCL                   | 0.052 U               | 0.052 U               | 0.052 U               | 0.05 U                | 0.05 U                |
| Hexachlorobenzene                      | µg/L                   | 1                       | MCL                   | 0.10 U                | 0.10 U                | 0.10 U                | 0.052 U               | 0.066                 |
| Hexachlorobutadiene                    | µg/L                   | 0.3                     | RSL                   | 0.02 U                | 0.02 U                | 0.02 U                | 0.10 U                | 0.10 U                |
| Hexachloroethane                       | µg/L                   | 0.9                     | RSL                   | 0.02 U                | 0.02 U                | 0.02 U                | 0.02 U                | 0.03                  |
|  |                        |                         |                       |                       |                       |                       | 4.20                  | 0.02 U                |
| <b>Herbicides</b>                      |                        |                         |                       |                       |                       |                       |                       |                       |
| 2,4-Dichlorophenoxyacetic acid (2,4-D) | µg/L                   | 70                      | MCL                   | 1.0 U                 | 1.0 U                 | 1.0 U                 | 1.2 J                 | 1.0 U                 |
| Pentachlorophenol                      | µg/L                   | 1                       | MCL                   | 0.5 U                 | 0.5 U                 | 0.5 U                 | 7.8                   | 0.5 U                 |
|  |                        |                         |                       |                       |                       |                       | 1.0 U                 | 0.5 U                 |
| <b>General Chemistry</b>               |                        |                         |                       |                       |                       |                       |                       |                       |
| Chloride                               | mg/L                   | 250                     | MCL                   | 23.5                  | 23.2                  | 1320                  | 4300                  | 1510                  |
| Hardness, calculation                  | mgCaCO <sub>3</sub> /L |                         |                       | 113                   | 112                   | 738                   | 1830                  | 562                   |
|  |                        |                         |                       |                       |                       |                       | 610                   | 660                   |
|  |                        |                         |                       |                       |                       |                       | 521                   | 570                   |
|  |                        |                         |                       |                       |                       |                       |                       | 249                   |
|  |                        |                         |                       |                       |                       |                       |                       | 324                   |

TABLE 6

**ANALYTICAL RESULTS SUMMARY  
SPRING 2014  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS**

| Sample Location:                       | MW32S1                 |          | MW113S3                |         | MW114S1                |         | MW131S2                |         | MW131S3                |         | MW132S1                |         | MW132S2/S3               |         | MW133S2/S3               |
|--|------------------------|----------|------------------------|---------|------------------------|---------|------------------------|---------|------------------------|---------|------------------------|---------|--------------------------|---------|--------------------------|
| Sample ID:                             | WG-05082014-JR-MW32S1  |          | WG-05122014-JR-MW113S3 |         | WG-05122014-JR-MW114S1 |         | WG-05062014-JR-MW131S2 |         | WG-05062014-JR-MW131S3 |         | WG-05082014-JR-MW132S1 |         | WG-05082014-JR-MW132S2S3 |         | WG-05072014-JR-MW133S2S3 |
| Sample Date:                           | 5/8/2014               |          | 5/12/2014              |         | 5/12/2014              |         | 5/6/2014               |         | 5/6/2014               |         | 5/8/2014               |         | 5/8/2014                 |         | 5/7/2014                 |
| Parameters                             | Units                  | Criteria | Type                   |         |                        |         |                        |         |                        |         |                        |         |                          |         |                          |
| <b>Volatile Organic Compounds</b>      |                        |          |                        |         |                        |         |                        |         |                        |         |                        |         |                          |         |                          |
| 1,1,1-Trichloroethane                  | µg/L                   | 200      | MCL                    | 0.5 U   | 1000 U                 | 0.5 U   | 0.5 U                  | 0.5 U   | 0.5 U                  | 0.5 U   | 0.5 U                  | 0.5 U   | 0.5 U                    | 0.5 U   |                          |
| 1,2-Dichloroethane                     | µg/L                   | 5        | MCL                    | 0.5 U   | 1000 U                 | 0.5 U   | 0.5 U                  | 0.5 U   | 0.5 U                  | 0.5 U   | 0.5 U                  | 0.5 U   | 0.5 U                    | 0.5 U   |                          |
| 1,2-Dichloropropane                    | µg/L                   | 5        | MCL                    | 0.5 U   | 1000                   | 0.5 U   | 0.5 U                    | 0.5 U   |                          |
| Benzene                                | µg/L                   | 5        | MCL                    | 0.5 U   | 1000 U                 | 0.5 U   | 0.5 U                  | 0.5 U   | 0.5 U                  | 0.5 U   | 0.5 U                  | 0.5 U   | 0.5 U                    | 0.5 U   |                          |
| Carbon tetrachloride                   | µg/L                   | 5        | MCL                    | 4.1     | 52400                  | 0.5 U   | 0.5 U                    | 0.5 U   |                          |
| Chloroform (Trichloromethane)          | µg/L                   | 70       | MCLG                   | 16.9    | 45500                  | 0.5 U   | 0.5 U                    | 0.5 U   |                          |
| Chloromethane (Methyl chloride)        | µg/L                   | 190      | RSL                    | 0.5 U   | 1000 U                 | 0.5 U   | 0.5 U                  | 0.5 U   | 0.5 U                  | 0.5 U   | 0.5 U                  | 0.5 U   | 0.5 U                    | 0.5 U   |                          |
| Methylene chloride                     | µg/L                   | 5        | MCL                    | 0.5 U   | 1000 U                 | 0.5 U   | 0.5 U                  | 0.5 U   | 0.5 U                  | 0.5 U   | 0.5 U                  | 0.5 U   | 0.5 U                    | 0.5 U   |                          |
| Tetrachloroethene                      | µg/L                   | 5        | MCL                    | 5.7     | 11000                  | 3.8     | 0.5 U                  | 0.5 U   | 0.5 U                  | 0.5 U   | 0.5 U                  | 0.5 U   | 0.5 U                    | 0.5 U   |                          |
| Trichloroethene                        | µg/L                   | 5        | MCL                    | 5.8     | 1000 U                 | 1.4     | 0.5 U                  | 0.5 U   | 0.5 U                  | 0.5 U   | 0.5 U                  | 0.5 U   | 0.5 U                    | 0.5 U   |                          |
| Vinyl chloride                         | µg/L                   | 2        | MCL                    | 0.5 U   | 1000 U                 | 0.5 U   | 0.5 U                  | 0.5 U   | 0.5 U                  | 0.5 U   | 0.5 U                  | 0.5 U   | 0.5 U                    | 0.5 U   |                          |
| <b>Semi-volatile Organic Compounds</b> |                        |          |                        |         |                        |         |                        |         |                        |         |                        |         |                          |         |                          |
| 2,3,4,5-Tetrachlorophenol              | µg/L                   |          |                        | 5.0 U   | 5.0 U                    | 5.0 U   |                          |
| 2,3,4,6-Tetrachlorophenol              | µg/L                   | 240      | RSL                    | 5.0 U   | 9.7                    | 5.0 U   | 5.0 U                    | 5.0 U   |                          |
| 2,4,5-Trichlorophenol                  | µg/L                   | 1200     | RSL                    | 5.0 U   | 5.0 U                  | 19.9    | 5.0 U                  | 5.0 U   | 5.0 U                  | 5.0 U   | 5.0 U                  | 5.0 U   | 5.0 U                    | 5.0 U   |                          |
| 2,4,6-Trichlorophenol                  | µg/L                   | 4        | RSL                    | 5.0 U   | 5.0 U                  | 19.9    | 5.0 U                  | 5.0 U   | 5.0 U                  | 5.0 U   | 5.0 U                  | 5.0 U   | 5.0 U                    | 5.0 U   |                          |
| 2,4-Dichlorophenol                     | µg/L                   | 46       | RSL                    | 5.0 U   | 5.6                    | 5.0 U   | 5.0 U                    | 5.0 U   |                          |
| 2,5-Dichlorophenol                     | µg/L                   |          |                        | 5.0 U   | 5.0 U                    | 5.0 U   |                          |
| 2,6-Dichlorophenol                     | µg/L                   |          |                        | 5.0 U   | 5.0 U                    | 5.0 U   |                          |
| 2-Chlorophenol                         | µg/L                   | 91       | RSL                    | 5.0 U   | 5.0 U                    | 5.0 U   |                          |
| 3/4-Chlorophenol                       | µg/L                   |          |                        | 5.0 U   | 5.0 U                    | 5.0 U   |                          |
| alpha-BHC                              | µg/L                   | 0.0071   | RSL                    | 0.036 U | 0.104 J                | 0.030 U | 0.011 U                | 0.011 U | 0.011 U                | 0.011 U | 0.011 U                | 0.011 U | 0.011 U                  | 0.011 U |                          |
| beta-BHC                               | µg/L                   | 0.025    | RSL                    | 0.632   | 5.64 J                 | 0.449   | 0.037 U                | 0.176   | 0.037 U                | 0.037 U | 0.037 U                | 0.037 U | 0.037 U                  | 0.037 U |                          |
| delta-BHC                              | µg/L                   |          |                        | 0.06    | 0.05 U                 | 0.05 U  | 0.05 U                   | 0.05 U  |                          |
| gamma-BHC (lindane)                    | µg/L                   | 0.2      | MCL                    | 0.052 U | 0.052 U                  | 0.052 U |                          |
| Hexachlorobenzene                      | µg/L                   | 1        | MCL                    | 0.10 U  | 0.13 J                 | 0.10 U  | 0.10 U                   | 0.10 U  |                          |
| Hexachlorobutadiene                    | µg/L                   | 0.3      | RSL                    | 0.02 U  | 95.8                   | 0.02 U  | 0.02 U                   | 0.02 U  |                          |
| Hexachloroethane                       | µg/L                   | 0.9      | RSL                    | 0.02 U  | 203                    | 0.02 U  | 0.02 U                   | 0.02 U  |                          |
| <b>Herbicides</b>                      |                        |          |                        |         |                        |         |                        |         |                        |         |                        |         |                          |         |                          |
| 2,4-Dichlorophenoxyacetic acid (2,4-D) | µg/L                   | 70       | MCL                    | 1.0 U   | 38                     | 1.0 U   | 1.0 U                    | 1.0 U   |                          |
| Pentachlorophenol                      | µg/L                   | 1        | MCL                    | 0.5 U   | 7.3 J                  | 0.5 U   | 0.5 U                    | 0.5 U   |                          |
| <b>General Chemistry</b>               |                        |          |                        |         |                        |         |                        |         |                        |         |                        |         |                          |         |                          |
| Chloride                               | mg/L                   | 250      | MCL                    | 1090    | 6500                   | 1140    | 61                     | 78      | 53                     | 10.5    | 34.9                   |         |                          |         |                          |
| Hardness, calculation                  | mgCaCO <sub>3</sub> /L |          |                        | 1060    | 43.8 J                 | 793     | 251                    | 211     | 264                    | 212     | 226                    |         |                          |         |                          |

TABLE 6

**ANALYTICAL RESULTS SUMMARY  
SPRING 2014**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**

| Sample Location:                       | MW136S2/S3                |           | MW137S1                |           | MW137S2                |           | MW137S3                |           | MW138S1                |           | MW138S2/S3                |           | MW139S2/S3                |          | MW140S1                |          |
|--|---------------------------|-----------|------------------------|-----------|------------------------|-----------|------------------------|-----------|------------------------|-----------|---------------------------|-----------|---------------------------|----------|------------------------|----------|
| Sample ID:                             | WG-05192014-AK-MW136S2/S3 |           | WG-05132014-AK-MW137S1 |           | WG-05142014-AK-MW137S2 |           | WG-05132014-AK-MW137S3 |           | WG-05122014-JR-MW138S1 |           | WG-05122014-JR-MW138S2/S3 |           | WG-05092014-AK-MW139S2/S3 |          | WG-05082014-AK-MW140S1 |          |
| Sample Date:                           |                           | 5/19/2014 |                        | 5/13/2014 |                        | 5/14/2014 |                        | 5/13/2014 |                        | 5/12/2014 |                           | 5/12/2014 |                           | 5/9/2014 |                        | 5/8/2014 |
| Parameters                             | Units                     | Criteria  | Type                   |           |                        |           |                        |           |                        |           |                           |           |                           |          |                        |          |
| <b>Volatile Organic Compounds</b>      |                           |           |                        |           |                        |           |                        |           |                        |           |                           |           |                           |          |                        |          |
| 1,1,1-Trichloroethane                  | µg/L                      | 200       | MCL                    | 0.5 U     | 0.5 U                     | 0.5 U     | 0.5 U                     | 0.5 U    | 0.5 U                  |          |
| 1,2-Dichloroethane                     | µg/L                      | 5         | MCL                    | 0.5 U     | 0.5 U                     | 0.5 U     | 0.5 U                     | 0.5 U    | 0.5 U                  |          |
| 1,2-Dichloropropane                    | µg/L                      | 5         | MCL                    | 0.5 U     | 0.5 U                     | 0.5 U     | 0.5 U                     | 0.5 U    | 0.5 U                  |          |
| Benzene                                | µg/L                      | 5         | MCL                    | 0.5 U     | 0.5 U                     | 0.5 U     | 0.5 U                     | 0.5 U    | 0.5 U                  |          |
| Carbon tetrachloride                   | µg/L                      | 5         | MCL                    | 0.5 U     | 0.5 U                  | 0.5 U     | 0.5 U                  | 0.6       | 0.5 U                  | 0.5 U     | 2.0                       | 0.5 U     | 0.5 U                     | 0.5 U    | 0.5 U                  |          |
| Chloroform (Trichloromethane)          | µg/L                      | 70        | MCLG                   | 0.5 U     | 0.5 U                     | 0.5 U     | 0.5 U                     | 0.5 U    | 0.5 U                  |          |
| Chloromethane (Methyl chloride)        | µg/L                      | 190       | RSL                    | 0.5 U     | 0.5 U                     | 0.5 U     | 0.5 U                     | 0.5 U    | 0.5 U                  |          |
| Methylene chloride                     | µg/L                      | 5         | MCL                    | 0.5 U     | 0.5 U                     | 0.5 U     | 0.5 U                     | 0.5 U    | 0.5 U                  |          |
| Tetrachloroethene                      | µg/L                      | 5         | MCL                    | 0.5 U     | 0.5 U                     | 0.5 U     | 0.5 U                     | 0.5 U    | 0.5 U                  |          |
| Trichloroethene                        | µg/L                      | 5         | MCL                    | 0.5 U     | 0.5 U                     | 0.5 U     | 0.5 U                     | 0.5 U    | 0.5 U                  |          |
| Vinyl chloride                         | µg/L                      | 2         | MCL                    | 0.5 U     | 0.5 U                     | 0.5 U     | 0.5 U                     | 0.5 U    | 0.5 U                  |          |
| <b>Semi-volatile Organic Compounds</b> |                           |           |                        |           |                        |           |                        |           |                        |           |                           |           |                           |          |                        |          |
| 2,3,4,5-Tetrachlorophenol              | µg/L                      |           |                        | 5.0 U     | 5.0 U                     | 5.0 U     | 5.0 U                     | 5.0 U    | 5.0 U                  |          |
| 2,3,4,6-Tetrachlorophenol              | µg/L                      | 240       | RSL                    | 5.0 U     | 5.0 U                     | 5.0 U     | 5.0 U                     | 5.0 U    | 5.0 U                  |          |
| 2,4,5-Trichlorophenol                  | µg/L                      | 1200      | RSL                    | 5.0 U     | 5.0 U                     | 5.0 U     | 5.0 U                     | 5.0 U    | 5.0 U                  |          |
| 2,4,6-Trichlorophenol                  | µg/L                      | 4         | RSL                    | 5.0 U     | 5.0 U                     | 5.0 U     | 5.0 U                     | 5.0 U    | 5.0 U                  |          |
| 2,4-Dichlorophenol                     | µg/L                      | 46        | RSL                    | 5.0 U     | 5.0 U                     | 5.0 U     | 5.0 U                     | 5.0 U    | 5.0 U                  |          |
| 2,5-Dichlorophenol                     | µg/L                      |           |                        | 5.0 U     | 5.0 U                     | 5.0 U     | 5.0 U                     | 5.0 U    | 5.0 U                  |          |
| 2,6-Dichlorophenol                     | µg/L                      |           |                        | 5.0 U     | 5.0 U                     | 5.0 U     | 5.0 U                     | 5.0 U    | 5.0 U                  |          |
| 2-Chlorophenol                         | µg/L                      | 91        | RSL                    | 5.0 U     | 5.0 U                     | 5.0 U     | 5.0 U                     | 5.0 U    | 5.0 U                  |          |
| 3/4-Chlorophenol                       | µg/L                      |           |                        | 5.0 U     | 5.0 U                     | 5.0 U     | 5.0 U                     | 5.0 U    | 5.0 U                  |          |
| alpha-BHC                              | µg/L                      | 0.0071    | RSL                    | 0.011 U   | 0.011 U                   | 0.011 U   | 0.011 U                   | 0.011 U  | 0.011 U                |          |
| beta-BHC                               | µg/L                      | 0.025     | RSL                    | 0.037 U   | 0.037 U                   | 0.037 U   | 0.037 U                   | 0.037 U  | 0.037 U                |          |
| delta-BHC                              | µg/L                      |           |                        | 0.05 U    | 0.05 U                    | 0.05 U    | 0.05 U                    | 0.05 U   | 0.05 U                 |          |
| gamma-BHC (lindane)                    | µg/L                      | 0.2       | MCL                    | 0.052 U   | 0.052 U                   | 0.052 U   | 0.052 U                   | 0.052 U  | 0.052 U                |          |
| Hexachlorobenzene                      | µg/L                      | 1         | MCL                    | 0.10 U    | 0.10 U                    | 0.10 U    | 0.10 U                    | 0.10 U   | 0.10 U                 |          |
| Hexachlorobutadiene                    | µg/L                      | 0.3       | RSL                    | 0.02 U    | 0.02 U                    | 0.02 U    | 0.02 U                    | 0.02 U   | 0.02 U                 |          |
| Hexachloroethane                       | µg/L                      | 0.9       | RSL                    | 0.02 U    | 0.02 U                    | 0.02 U    | 0.02 U                    | 0.02 U   | 0.02 U                 |          |
| <b>Herbicides</b>                      |                           |           |                        |           |                        |           |                        |           |                        |           |                           |           |                           |          |                        |          |
| 2,4-Dichlorophenoxyacetic acid (2,4-D) | µg/L                      | 70        | MCL                    | 1.0 U     | 1.0 U                     | 1.0 U     | 1.0 U                     | 1.0 U    | 1.0 U                  |          |
| Pentachlorophenol                      | µg/L                      | 1         | MCL                    | 0.5 U     | 0.5 U                     | 0.5 U     | 0.5 U                     | 0.5 U    | 0.5 U                  |          |
| <b>General Chemistry</b>               |                           |           |                        |           |                        |           |                        |           |                        |           |                           |           |                           |          |                        |          |
| Chloride                               | mg/L                      | 250       | MCL                    | 103       | 11.6                   | 22.5      | 68                     | 33.0      | 71                     | 238       |                           |           |                           |          |                        |          |
| Hardness, calculation                  | mgCaCO <sub>3</sub> /L    |           |                        | 253       | 179                    | 250       | 295                    | 246       | 279                    | 522       |                           |           |                           |          |                        |          |

TABLE 6

**ANALYTICAL RESULTS SUMMARY  
SPRING 2014  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS**

| <b>Sample Location:</b>                | <b>MW140S2/S3</b>         |                 | <b>MW141S2/S3</b>         |         | <b>MW142S2/S3</b>         |         | <b>MW143S2/S3</b>         |         | <b>MW144S2/S3</b>         |         | <b>MW145S2/S3</b>         |         |
|--|---------------------------|-----------------|---------------------------|---------|---------------------------|---------|---------------------------|---------|---------------------------|---------|---------------------------|---------|
| <b>Sample ID:</b>                      | WG-05192014-JR-MW140S2/S3 |                 | WG-05072014-AK-MW141S2/S3 |         | WG-05092014-AK-MW142S2/S3 |         | WG-05092014-JR-MW143S2/S3 |         | WG-05072014-JR-MW144S2/S3 |         | WG-05072014-JR-MW145S2/S3 |         |
| <b>Sample Date:</b>                    | 5/19/2014                 |                 | 5/7/2014                  |         | 5/9/2014                  |         | 5/9/2014                  |         | 5/7/2014                  |         | 5/7/2014                  |         |
| <b>Parameters</b>                      | <b>Units</b>              | <b>Criteria</b> | <b>Type</b>               |         |                           |         |                           |         |                           |         |                           |         |
| <b>Volatile Organic Compounds</b>      |                           |                 |                           |         |                           |         |                           |         |                           |         |                           |         |
| 1,1,1-Trichloroethane                  | µg/L                      | 200             | MCL                       | 20 U    | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   |
| 1,2-Dichloroethane                     | µg/L                      | 5               | MCL                       | 20 U    | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   |
| 1,2-Dichloropropane                    | µg/L                      | 5               | MCL                       | 20 U    | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   |
| Benzene                                | µg/L                      | 5               | MCL                       | 20 U    | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   |
| Carbon tetrachloride                   | µg/L                      | 5               | MCL                       | 1660    | 24.0                      | 0.5 U   | 17.2                      | 0.5 U   | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   |
| Chloroform (Trichloromethane)          | µg/L                      | 70              | MCLG                      | 41      | 25.3                      | 0.5 U   | 3.7                       | 0.5 U   | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   |
| Chloromethane (Methyl chloride)        | µg/L                      | 190             | RSL                       | 20 U    | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   |
| Methylene chloride                     | µg/L                      | 5               | MCL                       | 20 U    | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   |
| Tetrachloroethene                      | µg/L                      | 5               | MCL                       | 20 U    | 3.2                       | 0.5 U   | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   |
| Trichloroethene                        | µg/L                      | 5               | MCL                       | 20 U    | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   |
| Vinyl chloride                         | µg/L                      | 2               | MCL                       | 20 U    | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   | 0.5 U                     | 0.5 U   |
| <b>Semi-volatile Organic Compounds</b> |                           |                 |                           |         |                           |         |                           |         |                           |         |                           |         |
| 2,3,4,5-Tetrachlorophenol              | µg/L                      |                 |                           | 5.0 U   | 5.0 U                     | 5.0 U   |
| 2,3,4,6-Tetrachlorophenol              | µg/L                      | 240             | RSL                       | 5.0 U   | 5.0 U                     | 5.0 U   |
| 2,4,5-Trichlorophenol                  | µg/L                      | 1200            | RSL                       | 5.0 U   | 5.0 U                     | 5.0 U   |
| 2,4,6-Trichlorophenol                  | µg/L                      | 4               | RSL                       | 5.0 U   | 5.0 U                     | 5.0 U   |
| 2,4-Dichlorophenol                     | µg/L                      | 46              | RSL                       | 5.0 U   | 5.0 U                     | 5.0 U   |
| 2,5-Dichlorophenol                     | µg/L                      |                 |                           | 5.0 U   | 5.0 U                     | 5.0 U   |
| 2,6-Dichlorophenol                     | µg/L                      |                 |                           | 5.0 U   | 5.0 U                     | 5.0 U   |
| 2-Chlorophenol                         | µg/L                      | 91              | RSL                       | 5.0 U   | 5.0 U                     | 5.0 U   |
| 3/4-Chlorophenol                       | µg/L                      |                 |                           | 5.0 U   | 5.0 U                     | 5.0 U   |
| alpha-BHC                              | µg/L                      | 0.0071          | RSL                       | 0.011 U | 0.011 U                   | 0.011 U | 0.015                     | 0.011 U | 0.016 U                   |         |                           |         |
| beta-BHC                               | µg/L                      | 0.025           | RSL                       | 0.037 U | 0.037 U                   | 0.037 U | 0.115                     | 0.037 U | 0.669                     |         |                           |         |
| delta-BHC                              | µg/L                      |                 |                           | 0.05 U  | 0.05 U                    | 0.05 U  |                           |         |                           |         |                           |         |
| gamma-BHC (lindane)                    | µg/L                      | 0.2             | MCL                       | 0.052 U | 0.052 U                   | 0.052 U | 0.05 U                    | 0.05 U  | 0.05 U                    | 0.05 U  | 0.05 U                    | 0.05 U  |
| Hexachlorobenzene                      | µg/L                      | 1               | MCL                       | 0.10 U  | 0.10 U                    | 0.10 U  | 0.052 U                   | 0.052 U | 0.052 U                   | 0.052 U | 0.052 U                   | 0.052 U |
| Hexachlorobutadiene                    | µg/L                      | 0.3             | RSL                       | 0.02 U  | 0.02 U                    | 0.02 U  | 0.10 U                    | 0.10 U  | 0.10 U                    | 0.10 U  | 0.10 U                    | 0.10 U  |
| Hexachloroethane                       | µg/L                      | 0.9             | RSL                       | 0.15    | 0.02 U                    | 0.02 U  |
| <b>Herbicides</b>                      |                           |                 |                           |         |                           |         |                           |         |                           |         |                           |         |
| 2,4-Dichlorophenoxyacetic acid (2,4-D) | µg/L                      | 70              | MCL                       | 1.0 U   | 1.0 U                     | 1.0 U   |
| Pentachlorophenol                      | µg/L                      | 1               | MCL                       | 0.5 U   | 0.5 U                     | 0.5 U   |
| <b>General Chemistry</b>               |                           |                 |                           |         |                           |         |                           |         |                           |         |                           |         |
| Chloride                               | mg/L                      | 250             | MCL                       | 490     | 18.4                      | 20.7    | 310                       | 33.2    | 320                       |         |                           |         |
| Hardness, calculation                  | mgCaCO <sub>3</sub> /L    |                 |                           | 693     | 147                       | 211     | 612                       | 233     | 403                       |         |                           |         |

## Notes:

[Redacted] - exceeds criteria

J - Estimated concentration

R - Rejected

U - Not detected above the associated reporting limit

UJ - Not detected; Reporting limit is estimated

MCL - Maximum Contaminant Level

RSL - EPA Region IX, Regional Screening Level May 2014, [http://www.epa.gov/reg3hwmd/risk/human/rb-concentration\\_table/Generic\\_Tables/docs/master\\_sl\\_table\\_run\\_MAY2014.pdf](http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/docs/master_sl_table_run_MAY2014.pdf)

MCLG - Maximum Contaminant Level Goal

ug/L - micrograms per liter

mg/L - milligrams per liter

**(ON CD)**

## **Appendix A**

**Equipment Calibration Forms**

## **Appendix B**

**Analytical Reports**

## **Appendix C**

**Data Quality Assessment and Validation Report**

## **Appendix A**

### **Equipment Calibration Forms**

**FIELD DATA RECORD FORM  
METER, TURBIDITY (PORTABLE), LAMOTTE 2020**

(QSF-247D)

**Control No.:** B18812B  
**Date:** 5/6/2014  
**User:** A. Krein

**Project No.:** 054046  
**Project Name:** OCC Wichita  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:*****Check when completed***

- Check outside of reference standard bottles for cleanliness and condensation then wipe with lint free cloth.
- Open lid and align arrows.
- Insert the reference standard and index (10 or 1.0 NTU).
- Press the READ button. (If the value displayed is not the same as the standard, continue the calibration procedure.)
- Push the CAL button for 5 seconds until CAL is displayed.
- Release the CAL button and the display will flash.
- Press the up and /or down arrows until the value of the standard is displayed.
- Push the CAL button again to store the calibration.
- The instrument is now ready for use.
- Turn the meter off by pressing the READ button for at least 1 second.

Standard Used:  
5.2 NTU

53 9  
563

**Note: Condensation on outside of sample bottles affects meter readings.**

**Filing: Field File**

Signature:

**FIELD DATA RECORD FORM  
METER, WATER LEVEL**

(QSF-251D)

**Control No.:** B20662B  
**Date:** 5-6-14  
**User:** A Krein

**Project No.:** 054046  
**Project Name:** OCC Wichita  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:***Check when completed*

- Check for broken or missing parts.
- Check battery
- Check operation of buzzer.
- Check operation of signal light.
- Test probe in water to ensure unit operates, both visually and audibly.
- Check cable.

**Filing: Field File**Signature: 

**FIELD DATA RECORD FORM  
METER, WATER LEVEL**

(QSF-251D)

**Control No.:** KS-IP-03  
**Date:** 5-6-2014  
**User:** \_\_\_\_\_

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:**  
\_\_\_\_\_  
\_\_\_\_\_**FIELD PROCEDURE BEFORE USE:***Check when completed*

- Check for broken or missing parts.
- Check battery
- Check operation of buzzer.
- Check operation of signal light.
- Test probe in water to ensure unit operates, both visually and audibly.
- Check cable.

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Signature: \_\_\_\_\_



**FIELD DATA RECORD FORM  
METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

**Control No.:** B18923B  
**Date:** \_\_\_\_\_  
**User:** \_\_\_\_\_

**Project No.:** 054046  
**Project Name:** Oxy Chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:**  
 \_\_\_\_\_  
 \_\_\_\_\_

**FIELD PROCEDURE BEFORE USE:*****Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager******Check when completed***

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials

Test and record Gelex standards:

|                | <b>Gelex Standard</b> | <b>Meter Reading</b> |
|----------------|-----------------------|----------------------|
| • Low 0-10     | 5.57                  | Calibrated           |
| • Medium 0-100 | 52.3                  | Calibrated           |
| • High 0-1000  | 517                   | Calibrated           |

**Note: Condensation on outside of sample bottles affects meter readings.****Filing: Field File**Signature: \_\_\_\_\_ *[Signature]*

**FIELD DATA RECORD FORM**  
**METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS**

(QSF-483D)

**Control No.:** B19646B  
**Date:** 5-6-2014  
**User:** Nick Laskares

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:**

| <i>Check when completed</i>   |   |
|---|---|
| • Check kit contents.   | <input checked="" type="checkbox"/> Reading <u>6.91</u> |
| • Check pH 7 buffer reading. Calibrate if greater than $\pm 0.2$ .  | Calibrated <b>Y</b> / N                                 |
| PH is a two point calibration but always start with the seven standard.   |   |
| • Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.  | Reading <u>9.99</u>                                     |
| • Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press $\downarrow$ key to accept.               |   |
| • Use $\downarrow$ key to highlight pH symbol and press enter $\downarrow$ .  |   |
| • Select 2 point calibration and use number pad to enter 7.0 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate. |   |
| • Repeat these steps to calibrate your pH value to 4.0 or 10.0.   | Standard <u>1.413</u><br>Reading <u>1.418</u>           |
| • Press Esc to return to the calibration screen.  | Calibrated <b>Y</b> / N                                 |
| Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$ .  |   |
| Conductivity is a one point calibration.  |   |
| • Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.  |   |
| • Press Esc to return to the calibration screen.  |   |
| • Use the $\uparrow$ or $\downarrow$ to select SpC and press $\downarrow$   |   |
| • Use the number key pad to enter 1.413 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate.                      |   |
| Check ORP standard:   |   |
| • Press Esc to return to the calibration screen.  | Standard <u>220</u> mV<br>Reading <u>220</u> mV         |
| • Use the $\uparrow$ or $\downarrow$ to select ORP and press $\downarrow$   |   |
| • Use the number key pad to enter the value and push $\downarrow$ to accept. Push $\downarrow$ again to calibrate.                        |   |
| To calibrate DO, see manual for instructions  | Calibrated <b>Y</b> / N                                 |

**Filing: Field File**Signature: Nick Laskares

**FIELD DATA RECORD FORM**  
**METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS**

(QSF-483D)

**Control No.:** 13D100204  
**Date:** 5-6-14  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:**

| <i>Check when completed</i>   |   |
|---|---|
| • Check kit contents.   | <input checked="" type="checkbox"/> Reading <u>6.86</u> |
| • Check pH 7 buffer reading. Calibrate if greater than $\pm 0.2$ .  | Calibrated <b>Y</b> / N                                 |
| PH is a two point calibration but always start with the seven standard.   |   |
| • Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.  | Reading <u>9.96</u>                                     |
| • Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press $\downarrow$ key to accept.               |   |
| • Use $\downarrow$ key to highlight pH symbol and press enter $\downarrow$ .  |   |
| • Select 2 point calibration and use number pad to enter 7.0 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate. |   |
| • Repeat these steps to calibrate your pH value to 4.0 or 10.0.   | Standard <u>1.413</u><br>Reading <u>1.407</u>           |
| • Press Esc to return to the calibration screen.  | Calibrated <b>Y</b> / N                                 |
| Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$ .  |   |
| Conductivity is a one point calibration.  |   |
| • Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.  |   |
| • Press Esc to return to the calibration screen.  |   |
| • Use the $\uparrow$ or $\downarrow$ to select SpC and press $\downarrow$   |   |
| • Use the number key pad to enter 1.413 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate.                      |   |
| Check ORP standard:   |   |
| • Press Esc to return to the calibration screen.  | Standard <u>220</u> mV<br>Reading <u>220</u> mV         |
| • Use the $\uparrow$ or $\downarrow$ to select ORP and press $\downarrow$   |   |
| • Use the number key pad to enter the value and push $\downarrow$ to accept. Push $\downarrow$ again to calibrate.                        |   |
| To calibrate DO, see manual for instructions  | Calibrated <b>Y</b> / N                                 |

**Filing: Field File**Signature: AH

**FIELD DATA RECORD FORM  
METER, WATER LEVEL**

(QSF-251D)

**Control No.:** B20662B  
**Date:** 5/7/2014  
**User:** A Krein

**Project No.:** 054046  
**Project Name:** OCC Wichita  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:***Check when completed*

- Check for broken or missing parts.
- Check battery
- Check operation of buzzer.
- Check operation of signal light.
- Test probe in water to ensure unit operates, both visually and audibly.
- Check cable.

**Filing: Field File**Signature: 

**FIELD DATA RECORD FORM  
METER, WATER LEVEL**

(QSF-251D)

**Control No.:** KS-IP-03  
**Date:** 5-7-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:***Check when completed*

- Check for broken or missing parts.
- Check battery
- Check operation of buzzer.
- Check operation of signal light.
- Test probe in water to ensure unit operates, both visually and audibly.
- Check cable.

**Filing: Field File**

Signature: \_\_\_\_\_



**FIELD DATA RECORD FORM  
METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

**Control No.:** B18812B  
**Date:** 5/7/2014  
**User:** A Krein

**Project No.:** 054046  
**Project Name:** OCC Wichita  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:*****Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager******Check when completed***

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials

Test and record Gelex standards:



- Low 0-10
- Medium 0-100
- High 0-1000

***Gelex Standard***

5.21  
53.9  
563

***Meter Reading***

Calibrated  
Calibrated  
Calibrated

**Note: Condensation on outside of sample bottles affects meter readings.****Filing: Field File**

Signature:



**FIELD DATA RECORD FORM  
METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

**Control No.:** B18923B  
**Date:** 5-7-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy Chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:*****Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager******Check when completed***

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials

Test and record Gelex standards:

- Low 0-10
- Medium 0-100
- High 0-1000

***Gelex Standard***

5.57  
52.3  
517

***Meter Reading***

Calibrated  
Calibrated  
Calibrated

**Note: Condensation on outside of sample bottles affects meter readings.****Filing: Field File**Signature:   J.R.

**FIELD DATA RECORD FORM**  
**METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS**

(QSF-483D)

**Control No.:** B19646B  
**Date:** 5-7-2014  
**User:** Nick Laskares

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:**

| <i>Check when completed</i>   |  |
|---|--|
| <ul style="list-style-type: none"> <li>• Check kit contents.</li> <li>• Check pH 7 buffer reading. Calibrate if greater than <math>\pm 0.2</math>.</li> </ul> <p>PH is a two point calibration but always start with the seven standard.</p> <ul style="list-style-type: none"> <li>• Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.</li> <li>• Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press <math>\downarrow</math> key to accept.</li> <li>• Use <math>\downarrow</math> key to highlight pH symbol and press enter <math>\downarrow</math>.</li> <li>• Select 2 point calibration and use number pad to enter 7.0 and push <math>\downarrow</math> to accept value. Push <math>\downarrow</math> again to calibrate.</li> <li>• Repeat these steps to calibrate your pH value to 4.0 or 10.0.</li> <li>• Press Esc to return to the calibration screen.</li> </ul> <p>Check conductivity standard near the expected range. Calibrate if greater than <math>\pm 0.5\%</math>.</p> <p>Conductivity is a one point calibration.</p> <ul style="list-style-type: none"> <li>• Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.</li> <li>• Press Esc to return to the calibration screen.</li> <li>• Use the <math>\uparrow</math> or <math>\downarrow</math> to select SpC and press <math>\downarrow</math>.</li> <li>• Use the number key pad to enter 1.413 and push <math>\downarrow</math> to accept value. Push <math>\downarrow</math> again to calibrate.</li> </ul> <p>Check ORP standard:</p> <ul style="list-style-type: none"> <li>• Press Esc to return to the calibration screen.</li> <li>• Use the <math>\uparrow</math> or <math>\downarrow</math> to select ORP and press <math>\downarrow</math>.</li> <li>• Use the number key pad to enter the value and push <math>\downarrow</math> to accept. Push <math>\downarrow</math> again to calibrate.</li> </ul> <p>To calibrate DO, see manual for instructions</p> | <input checked="" type="checkbox"/><br>Reading <u>7.01</u><br><br><input checked="" type="checkbox"/><br>Calibrated <b>Y</b> / N<br><br><input checked="" type="checkbox"/><br>Reading <u>9.99</u><br><br><input checked="" type="checkbox"/><br>Standard <u>1.413</u><br>Reading <u>1.408</u><br><br><input checked="" type="checkbox"/><br>Calibrated <b>Y</b> / N<br><br><input checked="" type="checkbox"/><br>Standard <u>220</u> mV<br>Reading <u>220</u> mV<br><br><input checked="" type="checkbox"/><br>Calibrated <b>Y</b> / N |

**Filing: Field File**Signature: NL

**FIELD DATA RECORD FORM**  
**METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS**

(QSF-483D)

**Control No.:** 13D100204  
**Date:** 5-7-14  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:**

| <i>Check when completed</i>   |   |
|---|---|
| • Check kit contents.   | <input checked="" type="checkbox"/> Reading <u>6.96</u> |
| • Check pH 7 buffer reading. Calibrate if greater than $\pm 0.2$ .  | Calibrated <b>Y</b> / N                                 |
| PH is a two point calibration but always start with the seven standard.   |   |
| • Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.  | Reading <u>9.97</u>                                     |
| • Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press $\downarrow$ key to accept.               |   |
| • Use $\downarrow$ key to highlight pH symbol and press enter $\downarrow$ .  |   |
| • Select 2 point calibration and use number pad to enter 7.0 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate. |   |
| • Repeat these steps to calibrate your pH value to 4.0 or 10.0.   | Standard <u>1.413</u><br>Reading <u>1.417</u>           |
| • Press Esc to return to the calibration screen.  | Calibrated <b>Y</b> / N                                 |
| Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$ .  |   |
| Conductivity is a one point calibration.  |   |
| • Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.  |   |
| • Press Esc to return to the calibration screen.  |   |
| • Use the $\uparrow$ or $\downarrow$ to select SpC and press $\downarrow$   |   |
| • Use the number key pad to enter 1.413 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate.                      |   |
| Check ORP standard:   |   |
| • Press Esc to return to the calibration screen.  | Standard <u>220</u> mV<br>Reading <u>223</u> mV         |
| • Use the $\uparrow$ or $\downarrow$ to select ORP and press $\downarrow$   |   |
| • Use the number key pad to enter the value and push $\downarrow$ to accept. Push $\downarrow$ again to calibrate.                        |   |
| To calibrate DO, see manual for instructions  | Calibrated <b>Y</b> / N                                 |

**Filing: Field File**Signature: AH

**FIELD DATA RECORD FORM  
METER, WATER LEVEL**

(QSF-251D)

**Control No.:** B20662B  
**Date:** 5/8/2014  
**User:** A Krein

**Project No.:** 054046  
**Project Name:** OCC Wichita  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:***Check when completed*

- Check for broken or missing parts.
- Check battery
- Check operation of buzzer.
- Check operation of signal light.
- Test probe in water to ensure unit operates, both visually and audibly.
- Check cable.

**Filing: Field File**Signature: 

**FIELD DATA RECORD FORM  
METER, WATER LEVEL**

(QSF-251D)

**Control No.:** KS-IP-03  
**Date:** 5-8-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:***Check when completed*

- Check for broken or missing parts.
- Check battery
- Check operation of buzzer.
- Check operation of signal light.
- Test probe in water to ensure unit operates, both visually and audibly.
- Check cable.

**Filing: Field File**

Signature: \_\_\_\_\_



**FIELD DATA RECORD FORM  
METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

**Control No.:** B18812B  
**Date:** 5/8/2014  
**User:** A Krein

**Project No.:** 054046  
**Project Name:** OCC Wichita  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:*****Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager******Check when completed***

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials

Test and record Gelex standards:



- Low 0-10
- Medium 0-100
- High 0-1000

***Gelex Standard***

5.21  
53.9  
563

***Meter Reading***

Calibrated  
Calibrated  
Calibrated

**Note: Condensation on outside of sample bottles affects meter readings.****Filing: Field File**

Signature:



**FIELD DATA RECORD FORM  
METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

**Control No.:** B18923B  
**Date:** 5-8-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy Chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:*****Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager******Check when completed***

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials

Test and record Gelex standards:

- Low 0-10
- Medium 0-100
- High 0-1000

***Gelex Standard***

5.57  
52.3  
517

***Meter Reading***

Calibrated  
Calibrated  
Calibrated

**Note: Condensation on outside of sample bottles affects meter readings.****Filing: Field File**Signature: J. Raye

**FIELD DATA RECORD FORM**  
**METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS**

(QSF-483D)

**Control No.:** B19646B  
**Date:** 5-8-2014  
**User:** Nick Laskares

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:**

| <i>Check when completed</i>   |   |
|---|---|
| • Check kit contents.   | <input checked="" type="checkbox"/> Reading <u>7.01</u> |
| • Check pH 7 buffer reading. Calibrate if greater than $\pm 0.2$ .  | Calibrated <b>Y</b> / N                                 |
| PH is a two point calibration but always start with the seven standard.   |   |
| • Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.  | Reading <u>9.99</u>                                     |
| • Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press $\downarrow$ key to accept.               |   |
| • Use $\downarrow$ key to highlight pH symbol and press enter $\downarrow$ .  |   |
| • Select 2 point calibration and use number pad to enter 7.0 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate. |   |
| • Repeat these steps to calibrate your pH value to 4.0 or 10.0.   | Standard <u>1.413</u><br>Reading <u>1.408</u>           |
| • Press Esc to return to the calibration screen.  | Calibrated <b>Y</b> / N                                 |
| Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$ .  |   |
| Conductivity is a one point calibration.  |   |
| • Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.  |   |
| • Press Esc to return to the calibration screen.  |   |
| • Use the $\uparrow$ or $\downarrow$ to select SpC and press $\downarrow$   |   |
| • Use the number key pad to enter 1.413 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate.                      |   |
| Check ORP standard:   |   |
| • Press Esc to return to the calibration screen.  | Standard <u>220</u> mV<br>Reading <u>220</u> mV         |
| • Use the $\uparrow$ or $\downarrow$ to select ORP and press $\downarrow$   |   |
| • Use the number key pad to enter the value and push $\downarrow$ to accept. Push $\downarrow$ again to calibrate.                        |   |
| To calibrate DO, see manual for instructions  | Calibrated <b>Y</b> / N                                 |

**Filing: Field File**Signature: NL

**FIELD DATA RECORD FORM**  
**METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS**

(QSF-483D)

**Control No.:** 13D100204  
**Date:** 5-8-14  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:**

| <i>Check when completed</i>   |   |
|---|---|
| • Check kit contents.   | <input checked="" type="checkbox"/> Reading <u>6.96</u> |
| • Check pH 7 buffer reading. Calibrate if greater than $\pm 0.2$ .  | Calibrated <b>Y</b> / N                                 |
| PH is a two point calibration but always start with the seven standard.   |   |
| • Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.  | Reading <u>9.99</u>                                     |
| • Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press $\downarrow$ key to accept.               |   |
| • Use $\downarrow$ key to highlight pH symbol and press enter $\downarrow$ .  |   |
| • Select 2 point calibration and use number pad to enter 7.0 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate. |   |
| • Repeat these steps to calibrate your pH value to 4.0 or 10.0.   | Standard <u>1.413</u><br>Reading <u>1.417</u>           |
| • Press Esc to return to the calibration screen.  | Calibrated <b>Y</b> / N                                 |
| Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$ .  |   |
| Conductivity is a one point calibration.  |   |
| • Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.  |   |
| • Press Esc to return to the calibration screen.  |   |
| • Use the $\uparrow$ or $\downarrow$ to select SpC and press $\downarrow$   |   |
| • Use the number key pad to enter 1.413 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate.                      |   |
| Check ORP standard:   |   |
| • Press Esc to return to the calibration screen.  | Standard <u>220</u> mV<br>Reading <u>220</u> mV         |
| • Use the $\uparrow$ or $\downarrow$ to select ORP and press $\downarrow$   |   |
| • Use the number key pad to enter the value and push $\downarrow$ to accept. Push $\downarrow$ again to calibrate.                        |   |
| To calibrate DO, see manual for instructions  | Calibrated <b>Y</b> / N                                 |

**Filing: Field File**Signature: AH

**FIELD DATA RECORD FORM  
METER, WATER LEVEL**

(QSF-251D)

**Control No.:** B20662B  
**Date:** 5/9/2014  
**User:** A Krein

**Project No.:** 054046  
**Project Name:** OCC Wichita  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:***Check when completed*

- Check for broken or missing parts.
- Check battery
- Check operation of buzzer.
- Check operation of signal light.
- Test probe in water to ensure unit operates, both visually and audibly.
- Check cable.

**Filing: Field File**Signature: 

**FIELD DATA RECORD FORM  
METER, WATER LEVEL**

(QSF-251D)

**Control No.:** KS-IP-03  
**Date:** 5-9-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:***Check when completed*

- Check for broken or missing parts.
- Check battery
- Check operation of buzzer.
- Check operation of signal light.
- Test probe in water to ensure unit operates, both visually and audibly.
- Check cable.

**Filing: Field File**

Signature: \_\_\_\_\_



**FIELD DATA RECORD FORM  
METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

**Control No.:** B18812B  
**Date:** 5/9/2014  
**User:** A Krein

**Project No.:** 054046  
**Project Name:** OCC Wichita  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:*****Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager******Check when completed***

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials

Test and record Gelex standards:



- Low 0-10
- Medium 0-100
- High 0-1000

***Gelex Standard***

5.21  
53.9  
563

***Meter Reading***

Calibrated  
Calibrated  
Calibrated

**Note: Condensation on outside of sample bottles affects meter readings.****Filing: Field File**

Signature:



**FIELD DATA RECORD FORM  
METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

**Control No.:** B18923B  
**Date:** 5-9-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy Chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:*****Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager******Check when completed***

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials

Test and record Gelex standards:

- Low 0-10
- Medium 0-100
- High 0-1000

***Gelex Standard***

5.57  
52.3  
517

***Meter Reading***

Calibrated  
Calibrated  
Calibrated

**Note: Condensation on outside of sample bottles affects meter readings.****Filing: Field File**Signature:   J.R.

**FIELD DATA RECORD FORM**  
**METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS**

(QSF-483D)

**Control No.:** B19646B  
**Date:** 5-9-2014  
**User:** Nick Laskares

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:**

| <i>Check when completed</i>   |   |
|---|---|
| • Check kit contents.   | <input checked="" type="checkbox"/> Reading <u>7.01</u> |
| • Check pH 7 buffer reading. Calibrate if greater than $\pm 0.2$ .  | Calibrated <b>Y</b> / N                                 |
| PH is a two point calibration but always start with the seven standard.   |   |
| • Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.  | Reading <u>9.99</u>                                     |
| • Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press $\downarrow$ key to accept.               |   |
| • Use $\downarrow$ key to highlight pH symbol and press enter $\downarrow$ .  |   |
| • Select 2 point calibration and use number pad to enter 7.0 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate. |   |
| • Repeat these steps to calibrate your pH value to 4.0 or 10.0.   | Standard <u>1.413</u><br>Reading <u>1.408</u>           |
| • Press Esc to return to the calibration screen.  | Calibrated <b>Y</b> / N                                 |
| Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$ .  |   |
| Conductivity is a one point calibration.  |   |
| • Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.  |   |
| • Press Esc to return to the calibration screen.  |   |
| • Use the $\uparrow$ or $\downarrow$ to select SpC and press $\downarrow$   |   |
| • Use the number key pad to enter 1.413 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate.                      |   |
| Check ORP standard:   |   |
| • Press Esc to return to the calibration screen.  | Standard <u>220</u> mV<br>Reading <u>220</u> mV         |
| • Use the $\uparrow$ or $\downarrow$ to select ORP and press $\downarrow$   |   |
| • Use the number key pad to enter the value and push $\downarrow$ to accept. Push $\downarrow$ again to calibrate.                        |   |
| To calibrate DO, see manual for instructions  | Calibrated <b>Y</b> / N                                 |

**Filing: Field File**Signature: NL

**FIELD DATA RECORD FORM**  
**METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS**

(QSF-483D)

**Control No.:** 13D100204  
**Date:** 5-9-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:**

| <i>Check when completed</i>   |   |
|---|---|
| • Check kit contents.   | <input checked="" type="checkbox"/> Reading <u>6.98</u> |
| • Check pH 7 buffer reading. Calibrate if greater than $\pm 0.2$ .  | Calibrated <b>Y</b> / N                                 |
| PH is a two point calibration but always start with the seven standard.   |   |
| • Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.  | Reading <u>9.99</u>                                     |
| • Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press $\downarrow$ key to accept.               |   |
| • Use $\downarrow$ key to highlight pH symbol and press enter $\downarrow$ .  |   |
| • Select 2 point calibration and use number pad to enter 7.0 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate. |   |
| • Repeat these steps to calibrate your pH value to 4.0 or 10.0.   | Standard <u>1.413</u><br>Reading <u>1.417</u>           |
| • Press Esc to return to the calibration screen.  | Calibrated <b>Y</b> / N                                 |
| Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$ .  |   |
| Conductivity is a one point calibration.  |   |
| • Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.  |   |
| • Press Esc to return to the calibration screen.  |   |
| • Use the $\uparrow$ or $\downarrow$ to select SpC and press $\downarrow$   |   |
| • Use the number key pad to enter 1.413 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate.                      |   |
| Check ORP standard:   |   |
| • Press Esc to return to the calibration screen.  | Standard <u>220</u> mV<br>Reading <u>220</u> mV         |
| • Use the $\uparrow$ or $\downarrow$ to select ORP and press $\downarrow$   |   |
| • Use the number key pad to enter the value and push $\downarrow$ to accept. Push $\downarrow$ again to calibrate.                        |   |
| To calibrate DO, see manual for instructions  | Calibrated <b>Y</b> / N                                 |

**Filing: Field File**Signature: AH

**FIELD DATA RECORD FORM  
METER, WATER LEVEL**

(QSF-251D)

**Control No.:** B20662B  
**Date:** 5/10/2014  
**User:** A Krein

**Project No.:** 054046  
**Project Name:** OCC Wichita  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:***Check when completed*

- Check for broken or missing parts.
- Check battery
- Check operation of buzzer.
- Check operation of signal light.
- Test probe in water to ensure unit operates, both visually and audibly.
- Check cable.

**Filing: Field File**Signature: 

**FIELD DATA RECORD FORM  
METER, WATER LEVEL**

(QSF-251D)

**Control No.:** KS-IP-03  
**Date:** 5-10-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:***Check when completed*

- Check for broken or missing parts.
- Check battery
- Check operation of buzzer.
- Check operation of signal light.
- Test probe in water to ensure unit operates, both visually and audibly.
- Check cable.

**Filing: Field File**

Signature: \_\_\_\_\_



**FIELD DATA RECORD FORM  
METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

**Control No.:** B18812B  
**Date:** 5/10/2014  
**User:** A Krein

**Project No.:** 054046  
**Project Name:** OCC Wichita  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:*****Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager******Check when completed***

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials

Test and record Gelex standards:



|                | <b>Gelex Standard</b> | <b>Meter Reading</b> |
|----------------|-----------------------|----------------------|
| • Low 0-10     | 5.21                  | Calibrated           |
| • Medium 0-100 | 53.9                  | Calibrated           |
| • High 0-1000  | 563                   | Calibrated           |

**Note: Condensation on outside of sample bottles affects meter readings.****Filing: Field File**Signature: 

**FIELD DATA RECORD FORM  
METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

**Control No.:** B18923B  
**Date:** 5-10-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy Chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:*****Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager******Check when completed***

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials

Test and record Gelex standards:

- Low 0-10
- Medium 0-100
- High 0-1000

***Gelex Standard***

5.57  
52.3  
517

***Meter Reading***

Calibrated  
Calibrated  
Calibrated

**Note: Condensation on outside of sample bottles affects meter readings.****Filing: Field File**Signature: J. Raye

**FIELD DATA RECORD FORM**  
**METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS**

(QSF-483D)

**Control No.:** B19646B  
**Date:** 5-10-2014  
**User:** Nick Laskares

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:**

| <i>Check when completed</i>   |   |
|---|---|
| • Check kit contents.   | <input checked="" type="checkbox"/> Reading <u>7.01</u> |
| • Check pH 7 buffer reading. Calibrate if greater than $\pm 0.2$ .  | Calibrated <b>Y</b> / N                                 |
| PH is a two point calibration but always start with the seven standard.   |   |
| • Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.  | Reading <u>9.99</u>                                     |
| • Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press $\downarrow$ key to accept.               |   |
| • Use $\downarrow$ key to highlight pH symbol and press enter $\downarrow$ .  |   |
| • Select 2 point calibration and use number pad to enter 7.0 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate. |   |
| • Repeat these steps to calibrate your pH value to 4.0 or 10.0.   | Standard <u>1.413</u><br>Reading <u>1.408</u>           |
| • Press Esc to return to the calibration screen.  | Calibrated <b>Y</b> / N                                 |
| Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$ .  |   |
| Conductivity is a one point calibration.  |   |
| • Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.  |   |
| • Press Esc to return to the calibration screen.  |   |
| • Use the $\uparrow$ or $\downarrow$ to select SpC and press $\downarrow$   |   |
| • Use the number key pad to enter 1.413 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate.                      |   |
| Check ORP standard:   |   |
| • Press Esc to return to the calibration screen.  | Standard <u>220</u> mV<br>Reading <u>220</u> mV         |
| • Use the $\uparrow$ or $\downarrow$ to select ORP and press $\downarrow$   |   |
| • Use the number key pad to enter the value and push $\downarrow$ to accept. Push $\downarrow$ again to calibrate.                        |   |
| To calibrate DO, see manual for instructions  | Calibrated <b>Y</b> / N                                 |

**Filing: Field File**Signature: NL

**FIELD DATA RECORD FORM**  
**METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS**

(QSF-483D)

**Control No.:** 13D100204  
**Date:** 5-10-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:**

| <i>Check when completed</i>   |   |
|---|---|
| • Check kit contents.   | <input checked="" type="checkbox"/> Reading <u>6.98</u> |
| • Check pH 7 buffer reading. Calibrate if greater than $\pm 0.2$ .  | Calibrated <b>Y</b> / N                                 |
| PH is a two point calibration but always start with the seven standard.   |   |
| • Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.  | Reading <u>9.99</u>                                     |
| • Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press $\downarrow$ key to accept.               |   |
| • Use $\downarrow$ key to highlight pH symbol and press enter $\downarrow$ .  |   |
| • Select 2 point calibration and use number pad to enter 7.0 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate. |   |
| • Repeat these steps to calibrate your pH value to 4.0 or 10.0.   | Standard <u>1.413</u><br>Reading <u>1.417</u>           |
| • Press Esc to return to the calibration screen.  | Calibrated <b>Y</b> / N                                 |
| Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$ .  |   |
| Conductivity is a one point calibration.  |   |
| • Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.  |   |
| • Press Esc to return to the calibration screen.  |   |
| • Use the $\uparrow$ or $\downarrow$ to select SpC and press $\downarrow$   |   |
| • Use the number key pad to enter 1.413 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate.                      |   |
| Check ORP standard:   |   |
| • Press Esc to return to the calibration screen.  | Standard <u>220</u> mV<br>Reading <u>220</u> mV         |
| • Use the $\uparrow$ or $\downarrow$ to select ORP and press $\downarrow$   |   |
| • Use the number key pad to enter the value and push $\downarrow$ to accept. Push $\downarrow$ again to calibrate.                        |   |
| To calibrate DO, see manual for instructions  | Calibrated <b>Y</b> / N                                 |

**Filing: Field File**Signature: AH

**FIELD DATA RECORD FORM  
METER, WATER LEVEL**

(QSF-251D)

**Control No.:** B20662B  
**Date:** 5/11/2014  
**User:** A Krein

**Project No.:** 054046  
**Project Name:** OCC Wichita  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:***Check when completed*

- Check for broken or missing parts.
- Check battery
- Check operation of buzzer.
- Check operation of signal light.
- Test probe in water to ensure unit operates, both visually and audibly.
- Check cable.

**Filing: Field File**Signature: 

**FIELD DATA RECORD FORM  
METER, WATER LEVEL**

(QSF-251D)

**Control No.:** KS-IP-03  
**Date:** 5-11-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:***Check when completed*

- Check for broken or missing parts.
- Check battery
- Check operation of buzzer.
- Check operation of signal light.
- Test probe in water to ensure unit operates, both visually and audibly.
- Check cable.

**Filing: Field File**

Signature: \_\_\_\_\_



**FIELD DATA RECORD FORM  
METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

**Control No.:** B18812B  
**Date:** 5/11/2014  
**User:** A Krein

**Project No.:** 054046  
**Project Name:** OCC Wichita  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:*****Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager******Check when completed***

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials

Test and record Gelex standards:



- Low 0-10
- Medium 0-100
- High 0-1000

***Gelex Standard***

5.21  
53.9  
563

***Meter Reading***

Calibrated  
Calibrated  
Calibrated

**Note: Condensation on outside of sample bottles affects meter readings.****Filing: Field File**

Signature:



**FIELD DATA RECORD FORM  
METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

**Control No.:** B18923B  
**Date:** 5-11-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy Chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:*****Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager******Check when completed***

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials

Test and record Gelex standards:

- Low 0-10
- Medium 0-100
- High 0-1000

***Gelex Standard***

5.57  
52.3  
517

***Meter Reading***

Calibrated  
Calibrated  
Calibrated

**Note: Condensation on outside of sample bottles affects meter readings.****Filing: Field File**Signature: J. Raye

**FIELD DATA RECORD FORM**  
**METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS**

(QSF-483D)

**Control No.:** B19646B  
**Date:** 5-11-2014  
**User:** Nick Laskares

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:**

| <i>Check when completed</i>   |   |
|---|---|
| • Check kit contents.   | <input checked="" type="checkbox"/> Reading <u>7.01</u> |
| • Check pH 7 buffer reading. Calibrate if greater than $\pm 0.2$ .  | Calibrated <b>Y</b> / N                                 |
| PH is a two point calibration but always start with the seven standard.   |   |
| • Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.  | Reading <u>9.99</u>                                     |
| • Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press $\downarrow$ key to accept.               |   |
| • Use $\downarrow$ key to highlight pH symbol and press enter $\downarrow$ .  |   |
| • Select 2 point calibration and use number pad to enter 7.0 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate. |   |
| • Repeat these steps to calibrate your pH value to 4.0 or 10.0.   | Standard <u>1.413</u><br>Reading <u>1.408</u>           |
| • Press Esc to return to the calibration screen.  | Calibrated <b>Y</b> / N                                 |
| Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$ .  |   |
| Conductivity is a one point calibration.  |   |
| • Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.  |   |
| • Press Esc to return to the calibration screen.  |   |
| • Use the $\uparrow$ or $\downarrow$ to select SpC and press $\downarrow$   |   |
| • Use the number key pad to enter 1.413 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate.                      |   |
| Check ORP standard:   |   |
| • Press Esc to return to the calibration screen.  | Standard <u>220</u> mV<br>Reading <u>220</u> mV         |
| • Use the $\uparrow$ or $\downarrow$ to select ORP and press $\downarrow$   |   |
| • Use the number key pad to enter the value and push $\downarrow$ to accept. Push $\downarrow$ again to calibrate.                        |   |
| To calibrate DO, see manual for instructions  | Calibrated <b>Y</b> / N                                 |

**Filing: Field File**Signature: NL

**FIELD DATA RECORD FORM**  
**METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS**

(QSF-483D)

**Control No.:** 13D100204  
**Date:** 5-11-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:**

| <i>Check when completed</i>   |   |
|---|---|
| • Check kit contents.   | <input checked="" type="checkbox"/> Reading <u>6.98</u> |
| • Check pH 7 buffer reading. Calibrate if greater than $\pm 0.2$ .  | Calibrated <b>Y</b> / N                                 |
| PH is a two point calibration but always start with the seven standard.   |   |
| • Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.  | Reading <u>9.99</u>                                     |
| • Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press $\downarrow$ key to accept.               |   |
| • Use $\downarrow$ key to highlight pH symbol and press enter $\downarrow$ .  |   |
| • Select 2 point calibration and use number pad to enter 7.0 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate. |   |
| • Repeat these steps to calibrate your pH value to 4.0 or 10.0.   | Standard <u>1.413</u><br>Reading <u>1.417</u>           |
| • Press Esc to return to the calibration screen.  | Calibrated <b>Y</b> / N                                 |
| Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$ .  |   |
| Conductivity is a one point calibration.  |   |
| • Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.  |   |
| • Press Esc to return to the calibration screen.  |   |
| • Use the $\uparrow$ or $\downarrow$ to select SpC and press $\downarrow$   |   |
| • Use the number key pad to enter 1.413 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate.                      |   |
| Check ORP standard:   |   |
| • Press Esc to return to the calibration screen.  | Standard <u>220</u> mV<br>Reading <u>220</u> mV         |
| • Use the $\uparrow$ or $\downarrow$ to select ORP and press $\downarrow$   |   |
| • Use the number key pad to enter the value and push $\downarrow$ to accept. Push $\downarrow$ again to calibrate.                        |   |
| To calibrate DO, see manual for instructions  | Calibrated <b>Y</b> / N                                 |

**Filing: Field File**Signature: AH

**FIELD DATA RECORD FORM  
METER, WATER LEVEL**

(QSF-251D)

**Control No.:** B20662B  
**Date:** 5/12/2014  
**User:** A Krein

**Project No.:** 054046  
**Project Name:** OCC Wichita  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:***Check when completed*

- Check for broken or missing parts.
- Check battery
- Check operation of buzzer.
- Check operation of signal light.
- Test probe in water to ensure unit operates, both visually and audibly.
- Check cable.

**Filing: Field File**Signature: 

**FIELD DATA RECORD FORM  
METER, WATER LEVEL**

(QSF-251D)

**Control No.:** KS-IP-03  
**Date:** 5-12-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:***Check when completed*

- Check for broken or missing parts.
- Check battery
- Check operation of buzzer.
- Check operation of signal light.
- Test probe in water to ensure unit operates, both visually and audibly.
- Check cable.

**Filing: Field File**

Signature: \_\_\_\_\_



**FIELD DATA RECORD FORM  
METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

**Control No.:** B18812B  
**Date:** 5/12/2014  
**User:** A Krein

**Project No.:** 054046  
**Project Name:** OCC Wichita  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:*****Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager******Check when completed***

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials

Test and record Gelex standards:



|                | <b>Gelex Standard</b> | <b>Meter Reading</b> |
|----------------|-----------------------|----------------------|
| • Low 0-10     | 5.21                  | Calibrated           |
| • Medium 0-100 | 53.9                  | Calibrated           |
| • High 0-1000  | 563                   | Calibrated           |

**Note: Condensation on outside of sample bottles affects meter readings.****Filing: Field File**Signature: 

**FIELD DATA RECORD FORM  
METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

**Control No.:** B18923B  
**Date:** 5-12-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy Chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:*****Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager******Check when completed***

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials

Test and record Gelex standards:

- Low 0-10
- Medium 0-100
- High 0-1000

***Gelex Standard***

5.57  
52.3  
517

***Meter Reading***

Calibrated  
Calibrated  
Calibrated

**Note: Condensation on outside of sample bottles affects meter readings.****Filing: Field File**Signature: J. Raye

**FIELD DATA RECORD FORM**  
**METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS**

(QSF-483D)

**Control No.:** B19646B  
**Date:** 5-12-2014  
**User:** Nick Laskares

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:**

| <i>Check when completed</i>   |   |
|---|---|
| • Check kit contents.   | <input checked="" type="checkbox"/> Reading <u>6.96</u> |
| • Check pH 7 buffer reading. Calibrate if greater than $\pm 0.2$ .  | Calibrated <b>Y</b> / N                                 |
| PH is a two point calibration but always start with the seven standard.   |   |
| • Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.  | Reading <u>9.99</u>                                     |
| • Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press $\downarrow$ key to accept.               |   |
| • Use $\downarrow$ key to highlight pH symbol and press enter $\downarrow$ .  |   |
| • Select 2 point calibration and use number pad to enter 7.0 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate. |   |
| • Repeat these steps to calibrate your pH value to 4.0 or 10.0.   | Standard <u>1.413</u><br>Reading <u>1.413</u>           |
| • Press Esc to return to the calibration screen.  | Calibrated <b>Y</b> / N                                 |
| Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$ .  |   |
| Conductivity is a one point calibration.  |   |
| • Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.  |   |
| • Press Esc to return to the calibration screen.  |   |
| • Use the $\uparrow$ or $\downarrow$ to select SpC and press $\downarrow$   |   |
| • Use the number key pad to enter 1.413 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate.                      |   |
| Check ORP standard:   |   |
| • Press Esc to return to the calibration screen.  | Standard <u>220</u> mV<br>Reading <u>220</u> mV         |
| • Use the $\uparrow$ or $\downarrow$ to select ORP and press $\downarrow$   |   |
| • Use the number key pad to enter the value and push $\downarrow$ to accept. Push $\downarrow$ again to calibrate.                        |   |
| To calibrate DO, see manual for instructions  | Calibrated <b>Y</b> / N                                 |

**Filing: Field File**Signature: NL

**FIELD DATA RECORD FORM**  
**METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS**

(QSF-483D)

**Control No.:** 13D100204  
**Date:** 5-12-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:**

| <i>Check when completed</i>   |   |
|---|---|
| • Check kit contents.   | <input checked="" type="checkbox"/> Reading <u>7.01</u> |
| • Check pH 7 buffer reading. Calibrate if greater than $\pm 0.2$ .  | Calibrated <b>Y / N</b>                                 |
| PH is a two point calibration but always start with the seven standard.   |   |
| • Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.  | Calibrated <b>Y / N</b>                                 |
| • Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press $\downarrow$ key to accept.               |   |
| • Use $\downarrow$ key to highlight pH symbol and press enter $\downarrow$ .  | Reading <u>9.98</u>                                     |
| • Select 2 point calibration and use number pad to enter 7.0 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate. |   |
| • Repeat these steps to calibrate your pH value to 4.0 or 10.0.   | Standard <u>1.413</u><br>Reading <u>1.408</u>           |
| • Press Esc to return to the calibration screen.  | Calibrated <b>Y / N</b>                                 |
| Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$ .  |   |
| Conductivity is a one point calibration.  |   |
| • Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.  |   |
| • Press Esc to return to the calibration screen.  |   |
| • Use the $\uparrow$ or $\downarrow$ to select SpC and press $\downarrow$   |   |
| • Use the number key pad to enter 1.413 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate.                      | Calibrated <b>Y / N</b>                                 |
| Check ORP standard:   |   |
| • Press Esc to return to the calibration screen.  | Standard <u>220</u> mV<br>Reading <u>219</u> mV         |
| • Use the $\uparrow$ or $\downarrow$ to select ORP and press $\downarrow$   |   |
| • Use the number key pad to enter the value and push $\downarrow$ to accept. Push $\downarrow$ again to calibrate.                        |   |
| To calibrate DO, see manual for instructions  | Calibrated <b>Y / N</b>                                 |

**Filing: Field File**Signature: AH

**FIELD DATA RECORD FORM  
METER, WATER LEVEL**

(QSF-251D)

**Control No.:** B20662B  
**Date:** 5/13/2014  
**User:** A Krein

**Project No.:** 054046  
**Project Name:** OCC Wichita  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:***Check when completed*

- Check for broken or missing parts.
- Check battery
- Check operation of buzzer.
- Check operation of signal light.
- Test probe in water to ensure unit operates, both visually and audibly.
- Check cable.

**Filing: Field File**Signature: 

**FIELD DATA RECORD FORM  
METER, WATER LEVEL**

(QSF-251D)

**Control No.:** KS-IP-03  
**Date:** 5-13-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:***Check when completed*

- Check for broken or missing parts.
- Check battery
- Check operation of buzzer.
- Check operation of signal light.
- Test probe in water to ensure unit operates, both visually and audibly.
- Check cable.

**Filing: Field File**

Signature: \_\_\_\_\_



**FIELD DATA RECORD FORM  
METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

**Control No.:** B18922B  
**Date:** 5/13/2014  
**User:** A Krein

**Project No.:** 054046  
**Project Name:** OCC Wichita  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:*****Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager******Check when completed***

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials

Test and record Gelex standards:



|                | <b>Gelex Standard</b> | <b>Meter Reading</b> |
|----------------|-----------------------|----------------------|
| • Low 0-10     | 5.6                   | Calibrated           |
| • Medium 0-100 | 50.7                  | Calibrated           |
| • High 0-1000  | 488                   | Calibrated           |

**Note: Condensation on outside of sample bottles affects meter readings.****Filing: Field File**Signature: 

**FIELD DATA RECORD FORM  
METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

**Control No.:** B18923B  
**Date:** 5-13-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy Chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:*****Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager******Check when completed***

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials

Test and record Gelex standards:

- Low 0-10
- Medium 0-100
- High 0-1000

***Gelex Standard***

5.57  
52.3  
517

***Meter Reading***

Calibrated  
Calibrated  
Calibrated

**Note: Condensation on outside of sample bottles affects meter readings.****Filing: Field File**Signature: J. Raye

**FIELD DATA RECORD FORM**  
**METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS**

(QSF-483D)

**Control No.:** B19646B  
**Date:** 5-13-2014  
**User:** Nick Laskares

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:**

| <i>Check when completed</i>   |   |
|---|---|
| • Check kit contents.   | <input checked="" type="checkbox"/> Reading <u>7.01</u> |
| • Check pH 7 buffer reading. Calibrate if greater than $\pm 0.2$ .  | Calibrated <b>Y</b> / N                                 |
| PH is a two point calibration but always start with the seven standard.   |   |
| • Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.  | Reading <u>9.99</u>                                     |
| • Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press $\downarrow$ key to accept.               |   |
| • Use $\downarrow$ key to highlight pH symbol and press enter $\downarrow$ .  |   |
| • Select 2 point calibration and use number pad to enter 7.0 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate. |   |
| • Repeat these steps to calibrate your pH value to 4.0 or 10.0.   | Standard <u>1.413</u><br>Reading <u>1.408</u>           |
| • Press Esc to return to the calibration screen.  | Calibrated <b>Y</b> / N                                 |
| Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$ .  |   |
| Conductivity is a one point calibration.  |   |
| • Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.  |   |
| • Press Esc to return to the calibration screen.  |   |
| • Use the $\uparrow$ or $\downarrow$ to select SpC and press $\downarrow$   |   |
| • Use the number key pad to enter 1.413 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate.                      |   |
| Check ORP standard:   |   |
| • Press Esc to return to the calibration screen.  | Standard <u>220</u> mV<br>Reading <u>220</u> mV         |
| • Use the $\uparrow$ or $\downarrow$ to select ORP and press $\downarrow$   |   |
| • Use the number key pad to enter the value and push $\downarrow$ to accept. Push $\downarrow$ again to calibrate.                        |   |
| To calibrate DO, see manual for instructions  | Calibrated <b>Y</b> / N                                 |

**Filing: Field File**Signature: NL

**FIELD DATA RECORD FORM**  
**METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS**

(QSF-483D)

**Control No.:** 13D100204  
**Date:** 5-13-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:**

| <i>Check when completed</i>   |   |
|---|---|
| • Check kit contents.   | <input checked="" type="checkbox"/> Reading <u>6.93</u> |
| • Check pH 7 buffer reading. Calibrate if greater than $\pm 0.2$ .  | Calibrated <b>Y</b> / N                                 |
| PH is a two point calibration but always start with the seven standard.   |   |
| • Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.  | Reading <u>9.94</u>                                     |
| • Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press $\downarrow$ key to accept.               |   |
| • Use $\downarrow$ key to highlight pH symbol and press enter $\downarrow$ .  |   |
| • Select 2 point calibration and use number pad to enter 7.0 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate. |   |
| • Repeat these steps to calibrate your pH value to 4.0 or 10.0.   | Standard <u>1.413</u><br>Reading <u>1.411</u>           |
| • Press Esc to return to the calibration screen.  | Calibrated <b>Y</b> / N                                 |
| Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$ .  |   |
| Conductivity is a one point calibration.  |   |
| • Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.  |   |
| • Press Esc to return to the calibration screen.  |   |
| • Use the $\uparrow$ or $\downarrow$ to select SpC and press $\downarrow$   |   |
| • Use the number key pad to enter 1.413 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate.                      |   |
| Check ORP standard:   |   |
| • Press Esc to return to the calibration screen.  | Standard <u>220</u> mV<br>Reading <u>220</u> mV         |
| • Use the $\uparrow$ or $\downarrow$ to select ORP and press $\downarrow$   |   |
| • Use the number key pad to enter the value and push $\downarrow$ to accept. Push $\downarrow$ again to calibrate.                        |   |
| To calibrate DO, see manual for instructions  | Calibrated <b>Y</b> / N                                 |

**Filing: Field File**Signature: AH

**FIELD DATA RECORD FORM  
METER, WATER LEVEL**

(QSF-251D)

**Control No.:** B20662B  
**Date:** 5/14/2014  
**User:** A Krein

**Project No.:** 054046  
**Project Name:** OCC Wichita  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:***Check when completed*

- Check for broken or missing parts.
- Check battery
- Check operation of buzzer.
- Check operation of signal light.
- Test probe in water to ensure unit operates, both visually and audibly.
- Check cable.

**Filing: Field File**Signature: 

**FIELD DATA RECORD FORM  
METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

**Control No.:** B18922B  
**Date:** 5/14/2014  
**User:** A Krein

**Project No.:** 054046  
**Project Name:** OCC Wichita  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:*****Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager******Check when completed***

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials

Test and record Gelex standards:



|                | <b>Gelex Standard</b> | <b>Meter Reading</b> |
|----------------|-----------------------|----------------------|
| • Low 0-10     | 5.6                   | Calibrated           |
| • Medium 0-100 | 50.7                  | Calibrated           |
| • High 0-1000  | 488                   | Calibrated           |

**Note: Condensation on outside of sample bottles affects meter readings.****Filing: Field File**Signature: 

**FIELD DATA RECORD FORM**  
**METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS**

(QSF-483D)

**Control No.:** B19108B  
**Date:** 5-14-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:**

| <i>Check when completed</i>   |   |
|---|---|
| • Check kit contents.   | <input checked="" type="checkbox"/> Reading <u>6.99</u> |
| • Check pH 7 buffer reading. Calibrate if greater than $\pm 0.2$ .  | Calibrated <b>Y</b> / N                                 |
| PH is a two point calibration but always start with the seven standard.   |   |
| • Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.  | Reading <u>10.08</u>                                    |
| • Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press $\downarrow$ key to accept.               |   |
| • Use $\downarrow$ key to highlight pH symbol and press enter $\downarrow$ .  |   |
| • Select 2 point calibration and use number pad to enter 7.0 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate. |   |
| • Repeat these steps to calibrate your pH value to 4.0 or 10.0.   |   |
| • Press Esc to return to the calibration screen.  |   |
| Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$ .  | Standard <u>1.413</u><br>Reading <u>1.406</u>           |
| Conductivity is a one point calibration.  | Calibrated <b>Y</b> / N                                 |
| • Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.  |   |
| • Press Esc to return to the calibration screen.  |   |
| • Use the $\uparrow$ or $\downarrow$ to select SpC and press $\downarrow$   |   |
| • Use the number key pad to enter 1.413 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate.                      |   |
| Check ORP standard:   |   |
| • Press Esc to return to the calibration screen.  | Standard <u>233.5</u> mV<br>Reading <u>236.6</u> mV     |
| • Use the $\uparrow$ or $\downarrow$ to select ORP and press $\downarrow$   |   |
| • Use the number key pad to enter the value and push $\downarrow$ to accept. Push $\downarrow$ again to calibrate.                        |   |
| To calibrate DO, see manual for instructions  | Calibrated <b>Y</b> / N                                 |

**Filing: Field File**Signature: RF

**FIELD DATA RECORD FORM  
METER, WATER LEVEL**

(QSF-251D)

**Control No.:** B20662B  
**Date:** 5/19/2014  
**User:** A Krein

**Project No.:** 054046  
**Project Name:** OCC Wichita  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:***Check when completed*

- Check for broken or missing parts.
- Check battery
- Check operation of buzzer.
- Check operation of signal light.
- Test probe in water to ensure unit operates, both visually and audibly.
- Check cable.

**Filing: Field File**

Signature:



**FIELD DATA RECORD FORM  
METER, WATER LEVEL**

(QSF-251D)

**Control No.:** KS-IP-03  
**Date:** 5-19-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:***Check when completed*

- Check for broken or missing parts.
- Check battery
- Check operation of buzzer.
- Check operation of signal light.
- Test probe in water to ensure unit operates, both visually and audibly.
- Check cable.

**Filing: Field File**

Signature: \_\_\_\_\_



**FIELD DATA RECORD FORM  
METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

**Control No.:** B18922B  
**Date:** 5/19/2014  
**User:** A Krein

**Project No.:** 054046  
**Project Name:** OCC Wichita  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:*****Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager******Check when completed***

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials

Test and record Gelex standards:



- Low 0-10
- Medium 0-100
- High 0-1000

***Gelex Standard***

5.6  
50.7  
488

***Meter Reading***

Calibrated  
Calibrated  
Calibrated

**Note: Condensation on outside of sample bottles affects meter readings.****Filing: Field File**

Signature:



**FIELD DATA RECORD FORM  
METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

**Control No.:** B18923B  
**Date:** 5-19-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy Chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:*****Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager******Check when completed***

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials

Test and record Gelex standards:

- Low 0-10
- Medium 0-100
- High 0-1000

***Gelex Standard***

5.57  
52.3  
517

***Meter Reading***

Calibrated  
Calibrated  
Calibrated

**Note: Condensation on outside of sample bottles affects meter readings.****Filing: Field File**Signature: J. Raye

**FIELD DATA RECORD FORM**  
**METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS**

(QSF-483D)

**Control No.:** B19646B  
**Date:** 5-19-2014  
**User:** Nick Laskares

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:**

| <i>Check when completed</i>   |   |
|---|---|
| • Check kit contents.   | <input checked="" type="checkbox"/> Reading <u>7.02</u> |
| • Check pH 7 buffer reading. Calibrate if greater than $\pm 0.2$ .  | Calibrated <b>Y</b> / N                                 |
| PH is a two point calibration but always start with the seven standard.   |   |
| • Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.  | Reading <u>10.01</u>                                    |
| • Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press $\downarrow$ key to accept.               |   |
| • Use $\downarrow$ key to highlight pH symbol and press enter $\downarrow$ .  |   |
| • Select 2 point calibration and use number pad to enter 7.0 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate. |   |
| • Repeat these steps to calibrate your pH value to 4.0 or 10.0.   | Standard <u>1.413</u><br>Reading <u>1.401</u>           |
| • Press Esc to return to the calibration screen.  | Calibrated <b>Y</b> / N                                 |
| Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$ .  |   |
| Conductivity is a one point calibration.  |   |
| • Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.  |   |
| • Press Esc to return to the calibration screen.  |   |
| • Use the $\uparrow$ or $\downarrow$ to select SpC and press $\downarrow$   |   |
| • Use the number key pad to enter 1.413 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate.                      |   |
| Check ORP standard:   |   |
| • Press Esc to return to the calibration screen.  | Standard <u>220</u> mV<br>Reading <u>220</u> mV         |
| • Use the $\uparrow$ or $\downarrow$ to select ORP and press $\downarrow$   |   |
| • Use the number key pad to enter the value and push $\downarrow$ to accept. Push $\downarrow$ again to calibrate.                        |   |
| To calibrate DO, see manual for instructions  | Calibrated <b>Y</b> / N                                 |

**Filing: Field File**Signature: NL

**FIELD DATA RECORD FORM**  
**METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS**

(QSF-483D)

**Control No.:** 13D100204  
**Date:** 5-19-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:**

| <i>Check when completed</i>   |   |
|---|---|
| • Check kit contents.   | <input checked="" type="checkbox"/> Reading <u>6.93</u> |
| • Check pH 7 buffer reading. Calibrate if greater than $\pm 0.2$ .  | Calibrated <b>Y</b> / N                                 |
| PH is a two point calibration but always start with the seven standard.   |   |
| • Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.  | Reading <u>9.99</u>                                     |
| • Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press $\downarrow$ key to accept.               |   |
| • Use $\downarrow$ key to highlight pH symbol and press enter $\downarrow$ .  |   |
| • Select 2 point calibration and use number pad to enter 7.0 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate. |   |
| • Repeat these steps to calibrate your pH value to 4.0 or 10.0.   | Standard <u>1.413</u><br>Reading <u>1.415</u>           |
| • Press Esc to return to the calibration screen.  | Calibrated <b>Y</b> / N                                 |
| Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$ .  |   |
| Conductivity is a one point calibration.  |   |
| • Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.  |   |
| • Press Esc to return to the calibration screen.  |   |
| • Use the $\uparrow$ or $\downarrow$ to select SpC and press $\downarrow$   |   |
| • Use the number key pad to enter 1.413 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate.                      |   |
| Check ORP standard:   |   |
| • Press Esc to return to the calibration screen.  | Standard <u>220</u> mV<br>Reading <u>220</u> mV         |
| • Use the $\uparrow$ or $\downarrow$ to select ORP and press $\downarrow$   |   |
| • Use the number key pad to enter the value and push $\downarrow$ to accept. Push $\downarrow$ again to calibrate.                        |   |
| To calibrate DO, see manual for instructions  | Calibrated <b>Y</b> / N                                 |

**Filing: Field File**Signature: AH

**FIELD DATA RECORD FORM  
METER, WATER LEVEL**

(QSF-251D)

**Control No.:** B20662B  
**Date:** 5-20-2014  
**User:** A Krein

**Project No.:** 054046  
**Project Name:** Occidental chemicals  
**Location:** Wichita, ks

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:***Check when completed*

- Check for broken or missing parts.
- Check battery
- Check operation of buzzer.
- Check operation of signal light.
- Test probe in water to ensure unit operates, both visually and audibly.
- Check cable.

**Filing: Field File**Signature: 

**FIELD DATA RECORD FORM  
METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

**Control No.:** B18922B  
**Date:** 5/20/2014  
**User:** A Krein

**Project No.:** 054046  
**Project Name:** OCC Wichita  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:*****Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager******Check when completed***

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials

Test and record Gelex standards:



- Low 0-10
- Medium 0-100
- High 0-1000

***Gelex Standard***

5.6  
50.7  
488

***Meter Reading***

Calibrated  
Calibrated  
Calibrated

**Note: Condensation on outside of sample bottles affects meter readings.****Filing: Field File**

Signature:



**FIELD DATA RECORD FORM  
METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

**Control No.:** B18923B  
**Date:** 5-20-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy Chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:*****Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager******Check when completed***

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials

Test and record Gelex standards:

- Low 0-10
- Medium 0-100
- High 0-1000

***Gelex Standard***

5.57  
52.3  
517

***Meter Reading***

Calibrated  
Calibrated  
Calibrated

**Note: Condensation on outside of sample bottles affects meter readings.****Filing: Field File**Signature: J. Raye

**FIELD DATA RECORD FORM**  
**METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS**

(QSF-483D)

**Control No.:** B19646B  
**Date:** 5-20-2014  
**User:** Nick Laskares

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:**

| <i>Check when completed</i>   |   |
|---|---|
| • Check kit contents.   | <input checked="" type="checkbox"/> Reading <u>7.02</u> |
| • Check pH 7 buffer reading. Calibrate if greater than $\pm 0.2$ .  | Calibrated <b>Y</b> / N                                 |
| PH is a two point calibration but always start with the seven standard.   |   |
| • Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.  | Reading <u>10.01</u>                                    |
| • Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press $\downarrow$ key to accept.               |   |
| • Use $\downarrow$ key to highlight pH symbol and press enter $\downarrow$ .  |   |
| • Select 2 point calibration and use number pad to enter 7.0 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate. |   |
| • Repeat these steps to calibrate your pH value to 4.0 or 10.0.   | Standard <u>1.413</u><br>Reading <u>1.401</u>           |
| • Press Esc to return to the calibration screen.  | Calibrated <b>Y</b> / N                                 |
| Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$ .  |   |
| Conductivity is a one point calibration.  |   |
| • Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.  |   |
| • Press Esc to return to the calibration screen.  |   |
| • Use the $\uparrow$ or $\downarrow$ to select SpC and press $\downarrow$   |   |
| • Use the number key pad to enter 1.413 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate.                      |   |
| Check ORP standard:   |   |
| • Press Esc to return to the calibration screen.  | Standard <u>220</u> mV<br>Reading <u>220</u> mV         |
| • Use the $\uparrow$ or $\downarrow$ to select ORP and press $\downarrow$   |   |
| • Use the number key pad to enter the value and push $\downarrow$ to accept. Push $\downarrow$ again to calibrate.                        |   |
| To calibrate DO, see manual for instructions  | Calibrated <b>Y</b> / N                                 |

**Filing: Field File**Signature: NL

**FIELD DATA RECORD FORM**  
**METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS**

(QSF-483D)

**Control No.:** 13D100204  
**Date:** 5-20-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:**

| <i>Check when completed</i>   |   |
|---|---|
| • Check kit contents.   | <input checked="" type="checkbox"/> Reading <u>6.93</u> |
| • Check pH 7 buffer reading. Calibrate if greater than $\pm 0.2$ .  | Calibrated <b>Y</b> / N                                 |
| PH is a two point calibration but always start with the seven standard.   |   |
| • Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.  | Reading <u>9.99</u>                                     |
| • Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press $\downarrow$ key to accept.               |   |
| • Use $\downarrow$ key to highlight pH symbol and press enter $\downarrow$ .  |   |
| • Select 2 point calibration and use number pad to enter 7.0 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate. |   |
| • Repeat these steps to calibrate your pH value to 4.0 or 10.0.   | Standard <u>1.413</u><br>Reading <u>1.415</u>           |
| • Press Esc to return to the calibration screen.  | Calibrated <b>Y</b> / N                                 |
| Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$ .  |   |
| Conductivity is a one point calibration.  |   |
| • Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.  |   |
| • Press Esc to return to the calibration screen.  |   |
| • Use the $\uparrow$ or $\downarrow$ to select SpC and press $\downarrow$   |   |
| • Use the number key pad to enter 1.413 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate.                      |   |
| Check ORP standard:   |   |
| • Press Esc to return to the calibration screen.  | Standard <u>220</u> mV<br>Reading <u>220</u> mV         |
| • Use the $\uparrow$ or $\downarrow$ to select ORP and press $\downarrow$   |   |
| • Use the number key pad to enter the value and push $\downarrow$ to accept. Push $\downarrow$ again to calibrate.                        |   |
| To calibrate DO, see manual for instructions  | Calibrated <b>Y</b> / N                                 |

**Filing: Field File**Signature: AH

**FIELD DATA RECORD FORM  
METER, WATER LEVEL**

(QSF-251D)

**Control No.:** B20662B  
**Date:** 5-21-2014  
**User:** A. krein

**Project No.:** 054046  
**Project Name:** Occidental chemicals  
**Location:** Wichita, ks

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:***Check when completed*

- Check for broken or missing parts.
- Check battery
- Check operation of buzzer.
- Check operation of signal light.
- Test probe in water to ensure unit operates, both visually and audibly.
- Check cable.

**Filing: Field File**Signature: 

**FIELD DATA RECORD FORM  
METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

**Control No.:** B18922B  
**Date:** 5/21/2014  
**User:** A Krein

**Project No.:** 054046  
**Project Name:** OCC Wichita  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:*****Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager******Check when completed***

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials

Test and record Gelex standards:



- Low 0-10
- Medium 0-100
- High 0-1000

***Gelex Standard***

5.6  
50.7  
488

***Meter Reading***

Calibrated  
Calibrated  
Calibrated

**Note: Condensation on outside of sample bottles affects meter readings.****Filing: Field File**

Signature:



**FIELD DATA RECORD FORM  
METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

**Control No.:** B18923B  
**Date:** 5-21-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy Chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:*****Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager******Check when completed***

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials

Test and record Gelex standards:

- Low 0-10
- Medium 0-100
- High 0-1000

***Gelex Standard***

5.57  
52.3  
517

***Meter Reading***

Calibrated  
Calibrated  
Calibrated

**Note: Condensation on outside of sample bottles affects meter readings.****Filing: Field File**Signature: J. Raye

**FIELD DATA RECORD FORM**  
**METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS**

(QSF-483D)

**Control No.:** B19646B  
**Date:** 5-21-2014  
**User:** Nick Laskares

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:**

| <i>Check when completed</i>   |   |
|---|---|
| • Check kit contents.   | <input checked="" type="checkbox"/> Reading <u>7.02</u> |
| • Check pH 7 buffer reading. Calibrate if greater than $\pm 0.2$ .  | Calibrated <b>Y</b> / N                                 |
| PH is a two point calibration but always start with the seven standard.   |   |
| • Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.  | Reading <u>10.01</u>                                    |
| • Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press $\downarrow$ key to accept.               |   |
| • Use $\downarrow$ key to highlight pH symbol and press enter $\downarrow$ .  |   |
| • Select 2 point calibration and use number pad to enter 7.0 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate. |   |
| • Repeat these steps to calibrate your pH value to 4.0 or 10.0.   | Standard <u>1.413</u><br>Reading <u>1.401</u>           |
| • Press Esc to return to the calibration screen.  | Calibrated <b>Y</b> / N                                 |
| Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$ .  |   |
| Conductivity is a one point calibration.  |   |
| • Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.  |   |
| • Press Esc to return to the calibration screen.  |   |
| • Use the $\uparrow$ or $\downarrow$ to select SpC and press $\downarrow$   |   |
| • Use the number key pad to enter 1.413 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate.                      |   |
| Check ORP standard:   |   |
| • Press Esc to return to the calibration screen.  | Standard <u>220</u> mV<br>Reading <u>220</u> mV         |
| • Use the $\uparrow$ or $\downarrow$ to select ORP and press $\downarrow$   |   |
| • Use the number key pad to enter the value and push $\downarrow$ to accept. Push $\downarrow$ again to calibrate.                        |   |
| To calibrate DO, see manual for instructions  | Calibrated <b>Y</b> / N                                 |

**Filing: Field File**Signature: NL

**FIELD DATA RECORD FORM**  
**METER, PH/COND./TEMP./DO/ORP/ SALINITY/FLOW CELL, YSI 556 MPS**

(QSF-483D)

**Control No.:** 13D100204  
**Date:** 5-21-2014  
**User:** Jeremy Raye

**Project No.:** 054046  
**Project Name:** Oxy chem  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:**

| <i>Check when completed</i>   |   |
|---|---|
| • Check kit contents.   | <input checked="" type="checkbox"/> Reading <u>6.93</u> |
| • Check pH 7 buffer reading. Calibrate if greater than $\pm 0.2$ .  | Calibrated <b>Y</b> / N                                 |
| PH is a two point calibration but always start with the seven standard.   |   |
| • Fill calibration cup with pH 7.0 buffer and attach to probe with probes facing down.  | Reading <u>9.99</u>                                     |
| • Press Esc to enter into main menu and use down arrow key to highlight calibration menu. Press $\downarrow$ key to accept.               |   |
| • Use $\downarrow$ key to highlight pH symbol and press enter $\downarrow$ .  |   |
| • Select 2 point calibration and use number pad to enter 7.0 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate. |   |
| • Repeat these steps to calibrate your pH value to 4.0 or 10.0.   | Standard <u>1.413</u><br>Reading <u>1.415</u>           |
| • Press Esc to return to the calibration screen.  | Calibrated <b>Y</b> / N                                 |
| Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$ .  |   |
| Conductivity is a one point calibration.  |   |
| • Fill calibration cup with 1.413 mS standard and attach to probe with probes facing up.  |   |
| • Press Esc to return to the calibration screen.  |   |
| • Use the $\uparrow$ or $\downarrow$ to select SpC and press $\downarrow$   |   |
| • Use the number key pad to enter 1.413 and push $\downarrow$ to accept value. Push $\downarrow$ again to calibrate.                      |   |
| Check ORP standard:   |   |
| • Press Esc to return to the calibration screen.  | Standard <u>220</u> mV<br>Reading <u>220</u> mV         |
| • Use the $\uparrow$ or $\downarrow$ to select ORP and press $\downarrow$   |   |
| • Use the number key pad to enter the value and push $\downarrow$ to accept. Push $\downarrow$ again to calibrate.                        |   |
| To calibrate DO, see manual for instructions  | Calibrated <b>Y</b> / N                                 |

**Filing: Field File**Signature: AH

**FIELD DATA RECORD FORM  
METER, WATER LEVEL**

(QSF-251D)

**Control No.:** B20662B  
**Date:** 5-22-2014  
**User:** A. krein

**Project No.:** 054046  
**Project Name:** Occidental chemicals  
**Location:** Wichita, ks

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:***Check when completed*

- Check for broken or missing parts.
- Check battery
- Check operation of buzzer.
- Check operation of signal light.
- Test probe in water to ensure unit operates, both visually and audibly.
- Check cable.

**Filing: Field File**Signature: 

**FIELD DATA RECORD FORM  
METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

**Control No.:** B18922B  
**Date:** 5/22/2014  
**User:** A Krein

**Project No.:** 054046  
**Project Name:** OCC Wichita  
**Location:** Wichita, KS

**Additional Equipment Control Numbers and Descriptions:****FIELD PROCEDURE BEFORE USE:*****Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager******Check when completed***

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials

Test and record Gelex standards:



|                | <b>Gelex Standard</b> | <b>Meter Reading</b> |
|----------------|-----------------------|----------------------|
| • Low 0-10     | 5.6                   | Calibrated           |
| • Medium 0-100 | 50.7                  | Calibrated           |
| • High 0-1000  | 488                   | Calibrated           |

**Note: Condensation on outside of sample bottles affects meter readings.****Filing: Field File**

Signature:



## **Appendix B**

### **Analytical Reports**

06/02/2014

Page: 1

Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date and Time Received: 05/07/2014 1655  
 Continental File No.: 7775  
 Continental Order No.: 118489  
 Purchase Auth: GSH00009; CRA#42407

Dear Ms. Blair:

This laboratory report, containing the samples indicated below, includes 47 pages for the analytical report, 2 page(s) for the chain of custody and/or analysis request, and 7 page(s) for the sample receipt form.

| <u>CAS LAB ID #</u> | <u>SAMPLE DESCRIPTION</u> | <u>SAMPLE TYPE</u> | <u>DATE SAMPLED</u> |
|---------------------|---------------------------|--------------------|---------------------|
| 14050488            | WG-05062014-AK-MW14S1     | Liquid             | 5/6/2014            |
| 14050489            | WG-05062014-AK-MW02S1     | Liquid             | 5/6/2014            |
| 14050490            | WG-05062014-AK-MW02S2     | Liquid             | 5/6/2014            |
| 14050491            | WG-05072014-AK-MW22S1     | Liquid             | 5/7/2014            |
| 14050492            | WG-05072014-AK-MW22S4     | Liquid             | 5/7/2014            |
| 14050493            | WG-05072014-AK-MW14S3     | Liquid             | 5/7/2014            |
| 14050494            | WG-05072014-AK-MW14S2/S3  | Liquid             | 5/7/2014            |
| 14050495            | WG-05062014-JR-MW13S2     | Liquid             | 5/6/2014            |
| 14050496            | WG-05062014-JR-MW13S3     | Liquid             | 5/6/2014            |
| 14050497            | WG-05072014-JR-MW11S3A    | Liquid             | 5/7/2014            |
| 14050498            | WG-05072014-JR-MW11S1     | Liquid             | 5/7/2014            |
| 14050499            | WG-05072014-JR-MW13S2S3   | Liquid             | 5/7/2014            |
| 14050500            | WG-05072014-JR-MW20S1     | Liquid             | 5/7/2014            |
| 14050501            | WG-05072014-JR-MW20S3     | Liquid             | 5/7/2014            |
| 14050502            | WG-05072014-JR-MW145S2S3  | Liquid             | 5/7/2014            |
| 14050503            | TB-05072014-JR            | Liquid             | 5/7/2014            |

This report was reissued on 06/02/2014 to append the cooler receipt forms. Please replace the previous report with this revision.

The Appendix and Quality Control sections are integral parts of this laboratory report and may contain important data qualifiers.

All results are reported on a wet weight basis unless otherwise stated.

Samples will be retained for thirty days unless Continental is otherwise notified.

Continental is accredited by the State of Kansas through the National Environmental Laboratory Accreditation Program (NELAP). The results contained in this report were obtained using Continental's Standard Operating Procedures. These procedures are in substantial compliance with the approved methods referenced and the standards published by NELAP unless otherwise noted in the Appendix and Quality Control sections of this report.

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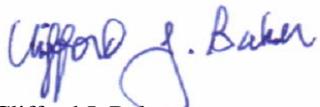
525 N. Eighth St. - Salina, KS 67401  
 785-827-1273 800-535-3076 Fax 785-823-7830  
 KDHE Environmental Laboratory Accreditation No. E-10146



06/02/2014  
Thank you for choosing Continental for this project.

Page: 2

CONTINENTAL ANALYTICAL SERVICES, INC.



Clifford J. Baker  
Technical Manager



525 N. Eighth St. - Salina, KS 67401  
785-827-1273 800-535-3076 Fax 785-823-7830  
KDHE Environmental Laboratory Accreditation No. E-10146



## Sample Results

Page: 3

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/07/2014  
 Continental File No: 7775  
 Continental Order No: 118489

Lab Number: 14050488

Sample Description: WG-05062014-AK-MW14S1

Date Sampled: 05/06/2014  
 Time Sampled: 1355

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/20          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/20          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/23          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/23          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/23          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/23          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/23          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/23          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/23          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/329         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/329         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/329         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/329         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/329         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/243         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/243         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/243         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7348/243         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7348/243         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/243         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/243         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/243         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/243         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/243         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/243         |
| Hardness (Calculated)          | 352                  | mg/L as CaCO <sub>3</sub> | 7157/875         |
| Chloride                       | 21.7                 | mg/L                      | 7276/275         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/12/14 1230             | 05/22/14 1404             | 140512-2        | 1NX5142            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

Page: 4

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/07/2014  
Continental File No: 7775  
Continental Order No: 118489

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/12/14 1230             | 05/22/14 1404             | 140512-2        | 1NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/09/14 1330             | 05/13/14 0831             | 140509-1        | 3EX3132            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/09/14 1600             | 05/13/14 1940             | 140509-2        | 1MS6133            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/08/14 2014             | 1MS5128         | 1MS5128            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/08/14 1333             | 05/09/14 1844             | 140508-5        | 8IP4129            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/08/14 1816             | 2IC1128         | 4IC1128            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050488

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## Sample Results

Page: 5

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/07/2014  
 Continental File No: 7775  
 Continental Order No: 118489

Lab Number: 14050489

Sample Description: WG-05062014-AK-MW02S1

Date Sampled: 05/06/2014  
 Time Sampled: 1530

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | 1.0                  | µg/L                      | 7411/20          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/20          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/23          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/23          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/23          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/23          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/23          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/23          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/23          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/329         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/329         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/329         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/329         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/329         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/243         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/243         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/243         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7348/243         |
| Chloroform                     | 2.3                  | µg/L                      | 7348/243         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/243         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/243         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/243         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/243         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/243         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/243         |
| Hardness (Calculated)          | 392                  | mg/L as CaCO <sub>3</sub> | 7157/875         |
| Chloride                       | 143                  | mg/L                      | 7276/275         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/12/14 1230             | 05/22/14 1443             | 140512-2        | 1NX5142            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/07/2014  
Continental File No: 7775  
Continental Order No: 118489

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/12/14 1230             | 05/22/14 1443             | 140512-2        | 1NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/09/14 1330             | 05/13/14 0913             | 140509-1        | 3EX3132            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/09/14 1600             | 05/13/14 2024             | 140509-2        | 1MS6133            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/08/14 2039             | 1MS5128         | 1MS5128            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/08/14 1333             | 05/09/14 1848             | 140508-5        | 8IP4129            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/08/14 1829             | 2IC1128         | 4IC1128            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050489

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/07/2014  
 Continental File No: 7775  
 Continental Order No: 118489

Lab Number: 14050490  
 Sample Description: WG-05062014-AK-MW02S2

Date Sampled: 05/06/2014  
 Time Sampled: 1705

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | 8.0                       | µg/L                      | 7411/20          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/20          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | 0.092                     | µg/L                      | 7409/23          |                    |                |                  |
| B-BHC                          | 1.26                      | µg/L                      | 7409/23          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/23          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/23          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/23          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/23          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/23          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,4-Dichlorophenol             | 165                       | µg/L                      | 7326/329         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,6-Dichlorophenol             | 36.6                      | µg/L                      | 7326/329         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,4,6-Trichlorophenol          | 8.5                       | µg/L                      | 7326/329         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/329         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | 2                         | µg/L                      | 7349/319         |                    |                |                  |
| 1,2-Dichloroethane             | ND(2)                     | µg/L                      | 7349/319         |                    |                |                  |
| Benzene                        | 6.0                       | µg/L                      | 7349/319         |                    |                |                  |
| Carbon tetrachloride           | 106                       | µg/L                      | 7349/319         |                    |                |                  |
| Chloroform                     | 40.9                      | µg/L                      | 7349/319         |                    |                |                  |
| Chloromethane                  | ND(2)                     | µg/L                      | 7349/319         |                    |                |                  |
| Methylene chloride             | ND(2)                     | µg/L                      | 7349/319         |                    |                |                  |
| Tetrachloroethylene            | 6.5                       | µg/L                      | 7349/319         |                    |                |                  |
| Trichloroethylene              | ND(2)                     | µg/L                      | 7349/319         |                    |                |                  |
| Vinyl chloride                 | ND(2)                     | µg/L                      | 7349/319         |                    |                |                  |
| 1,2-Dichloropropane            | ND(2)                     | µg/L                      | 7349/319         |                    |                |                  |
| Hardness (Calculated)          | 424                       | mg/L as CaCO <sub>3</sub> | 7157/875         |                    |                |                  |
| Chloride                       | 1200                      | mg/L                      | 7276/275         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/12/14 1230             | 05/22/14 1523             | 140512-2         | 1NX5142            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/07/2014  
Continental File No: 7775  
Continental Order No: 118489

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/12/14 1230             | 05/22/14 1523             | 140512-2        | 1NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/09/14 1330             | 05/13/14 0955             | 140509-1        | 3EX3132            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/09/14 1600             | 05/13/14 2108             | 140509-2        | 1MS6133            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/09/14 1710             | 1MS8129         | 1MS8129            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/08/14 1333             | 05/09/14 1852             | 140508-5        | 8IP4129            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/08/14 1841             | 2IC1128         | 4IC1128            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050490

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/07/2014  
 Continental File No: 7775  
 Continental Order No: 118489

Lab Number: 14050491  
 Sample Description: WG-05072014-AK-MW22S1

Date Sampled: 05/07/2014  
 Time Sampled: 0855

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/20          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/20          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/23          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/23          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/23          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/23          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/23          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/23          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/23          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/329         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/329         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/329         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/329         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/329         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/243         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/243         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/243         |
| Carbon tetrachloride           | 17.4                 | µg/L                      | 7348/243         |
| Chloroform                     | 3.4                  | µg/L                      | 7348/243         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/243         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/243         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/243         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/243         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/243         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/243         |
| Hardness (Calculated)          | 317                  | mg/L as CaCO <sub>3</sub> | 7157/875         |
| Chloride                       | 146                  | mg/L                      | 7276/275         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/12/14 1230             | 05/22/14 1602             | 140512-2        | 1NX5142            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/07/2014  
Continental File No: 7775  
Continental Order No: 118489

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/12/14 1230             | 05/22/14 1602             | 140512-2        | 1NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/09/14 1330             | 05/13/14 1037             | 140509-1        | 3EX3132            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/09/14 1600             | 05/14/14 0003             | 140509-2        | 2MS6133            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/08/14 2131             | 1MS5128         | 1MS5128            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/08/14 1333             | 05/09/14 1856             | 140508-5        | 8IP4129            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/08/14 1853             | 2IC1128         | 4IC1128            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050491

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## Sample Results

Page: 11

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/07/2014  
 Continental File No: 7775  
 Continental Order No: 118489

Lab Number: 14050492  
 Sample Description: WG-05072014-AK-MW22S4

Date Sampled: 05/07/2014  
 Time Sampled: 0935

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/20          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/20          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/23          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/23          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/23          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/23          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/23          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/23          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/23          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/329         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/329         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/329         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/329         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/329         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/243         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/243         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/243         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7348/243         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7348/243         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/243         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/243         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/243         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/243         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/243         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/243         |
| Hardness (Calculated)          | 24.7                 | mg/L as CaCO <sub>3</sub> | 7157/875         |
| Chloride                       | 1.9                  | mg/L                      | 7276/275         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/12/14 1230             | 05/22/14 1641             | 140512-2        | 1NX5142            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

Page: 12

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/07/2014  
Continental File No: 7775  
Continental Order No: 118489

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/12/14 1230             | 05/22/14 1641             | 140512-2        | 1NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/09/14 1330             | 05/13/14 1119             | 140509-1        | 3EX3132            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/09/14 1600             | 05/14/14 0047             | 140509-2        | 2MS6133            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/08/14 2157             | 1MS5128         | 1MS5128            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/08/14 1333             | 05/09/14 1901             | 140508-5        | 8IP4129            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/08/14 1905             | 2IC1128         | 4IC1128            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050492

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## Sample Results

Page: 13

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/07/2014  
 Continental File No: 7775  
 Continental Order No: 118489

Lab Number: 14050493  
 Sample Description: WG-05072014-AK-MW14S3

Date Sampled: 05/07/2014  
 Time Sampled: 1110

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/20          |                    |                |                  |
| Pentachlorophenol              | 5.0                       | µg/L                      | 7411/20          |                    |                |                  |
| OXY Chlorinated Hyd.           | SR                        |                           |                  |                    |                |                  |
| A-BHC                          | 0.404                     | µg/L                      | 7409/23          |                    |                |                  |
| B-BHC                          | 0.646 FC                  | µg/L                      | 7409/23          |                    |                |                  |
| G-BHC                          | 0.602                     | µg/L                      | 7409/23          |                    |                |                  |
| Hexachloroethane               | 7.46                      | µg/L                      | 7409/23          |                    |                |                  |
| Hexachlorobutadiene            | 1.6                       | µg/L                      | 7409/23          |                    |                |                  |
| Hexachlorobenzene              | ND(0.40)                  | µg/L                      | 7409/23          |                    |                |                  |
| D-BHC                          | 0.51                      | µg/L                      | 7409/23          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/329         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(100)                   | µg/L                      | 7348/243         |                    |                |                  |
| 1,2-Dichloroethane             | ND(100)                   | µg/L                      | 7348/243         |                    |                |                  |
| Benzene                        | ND(100)                   | µg/L                      | 7348/243         |                    |                |                  |
| Carbon tetrachloride           | 4160                      | µg/L                      | 7348/243         |                    |                |                  |
| Chloroform                     | 5540                      | µg/L                      | 7348/243         |                    |                |                  |
| Chloromethane                  | ND(100)                   | µg/L                      | 7348/243         |                    |                |                  |
| Methylene chloride             | ND(100)                   | µg/L                      | 7348/243         |                    |                |                  |
| Tetrachloroethylene            | 720                       | µg/L                      | 7348/243         |                    |                |                  |
| Trichloroethylene              | ND(100)                   | µg/L                      | 7348/243         |                    |                |                  |
| Vinyl chloride                 | ND(100)                   | µg/L                      | 7348/243         |                    |                |                  |
| 1,2-Dichloropropane            | ND(100)                   | µg/L                      | 7348/243         |                    |                |                  |
| Hardness (Calculated)          | 946                       | mg/L as CaCO <sub>3</sub> | 7157/875         |                    |                |                  |
| Chloride                       | 790                       | mg/L                      | 7276/275         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/12/14 1230             | 05/22/14 1800             | 140512-2         | 2NX5142            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/07/2014  
Continental File No: 7775  
Continental Order No: 118489

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/12/14 1230             | 05/22/14 1800             | 140512-2        | 2NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/09/14 1330             | 05/13/14 1201             | 140509-1        | 3EX3132            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/09/14 1600             | 05/14/14 0131             | 140509-2        | 2MS6133            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/08/14 2223             | 1MS5128         | 1MS5128            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/08/14 1333             | 05/09/14 1913             | 140508-5        | 9IP4129            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/08/14 1917             | 2IC1128         | 4IC1128            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050493

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/07/2014  
 Continental File No: 7775  
 Continental Order No: 118489

Lab Number: 14050494

Date Sampled: 05/07/2014  
 Time Sampled: 1230

Sample Description: WG-05072014-AK-MW141S2/S3

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/20          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/20          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/23          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/23          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/23          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/23          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/23          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/23          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/23          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/329         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/329         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/329         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/329         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/329         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7349/319         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7349/319         |
| Benzene                        | ND(0.5)              | µg/L                      | 7349/319         |
| Carbon tetrachloride           | 24.0                 | µg/L                      | 7349/319         |
| Chloroform                     | 25.3                 | µg/L                      | 7349/319         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7349/319         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7349/319         |
| Tetrachloroethylene            | 3.2                  | µg/L                      | 7349/319         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7349/319         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7349/319         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7349/319         |
| Hardness (Calculated)          | 147                  | mg/L as CaCO <sub>3</sub> | 7157/875         |
| Chloride                       | 18.4                 | mg/L                      | 7276/275         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/12/14 1230             | 05/22/14 1839             | 140512-2        | 2NX5142            | LPL            | 8151A(M)         |

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## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/07/2014  
Continental File No: 7775  
Continental Order No: 118489

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/12/14 1230             | 05/22/14 1839             | 140512-2        | 2NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/09/14 1330             | 05/13/14 1243             | 140509-1        | 3EX3132            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/09/14 1600             | 05/14/14 0214             | 140509-2        | 2MS6133            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/09/14 1746             | 1MS8129         | 1MS8129            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/08/14 1333             | 05/09/14 1917             | 140508-5        | 9IP4129            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/08/14 2006             | 2IC1128         | 5IC1128            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050494

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/07/2014  
 Continental File No: 7775  
 Continental Order No: 118489

Lab Number: 14050495  
 Sample Description: WG-05062014-JR-MW131S2

Date Sampled: 05/06/2014  
 Time Sampled: 1320

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/20          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/20          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/23          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/23          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/23          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/23          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/23          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/23          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/23          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/329         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/329         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/329         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/329         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/329         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/243         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/243         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/243         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7348/243         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7348/243         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/243         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/243         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/243         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/243         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/243         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/243         |
| Hardness (Calculated)          | 251                  | mg/L as CaCO <sub>3</sub> | 7157/875         |
| Chloride                       | 61                   | mg/L                      | 7276/275         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/12/14 1230             | 05/22/14 1918             | 140512-2        | 2NX5142            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/07/2014  
Continental File No: 7775  
Continental Order No: 118489

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/12/14 1230             | 05/22/14 1918             | 140512-2        | 2NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/09/14 1330             | 05/13/14 1449             | 140509-1        | 4EX3132            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/09/14 1600             | 05/14/14 0258             | 140509-2        | 2MS6133            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/09/14 0006             | 1MS5128         | 1MS5128            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/08/14 1333             | 05/09/14 1922             | 140508-5        | 9IP4129            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/08/14 2019             | 2IC1128         | 5IC1128            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050495

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/07/2014  
 Continental File No: 7775  
 Continental Order No: 118489

Lab Number: 14050496  
 Sample Description: WG-05062014-JR-MW131S3

Date Sampled: 05/06/2014  
 Time Sampled: 1615

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/20          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/20          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/23          |                    |                |                  |
| B-BHC                          | 0.176                     | µg/L                      | 7409/23          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/23          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/23          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/23          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/23          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/23          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/329         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Carbon tetrachloride           | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Chloroform                     | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Hardness (Calculated)          | 211                       | mg/L as CaCO <sub>3</sub> | 7157/875         |                    |                |                  |
| Chloride                       | 78                        | mg/L                      | 7276/275         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/12/14 1230             | 05/22/14 1957             | 140512-2         | 2NX5142            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

Page: 20

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/07/2014  
Continental File No: 7775  
Continental Order No: 118489

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/12/14 1230             | 05/22/14 1957             | 140512-2        | 2NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/09/14 1330             | 05/13/14 1531             | 140509-1        | 4EX3132            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/09/14 1600             | 05/14/14 0342             | 140509-2        | 2MS6133            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/08/14 1907             | 1MS8128         | 1MS8128            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/08/14 1333             | 05/09/14 1926             | 140508-5        | 9IP4129            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/08/14 2031             | 2IC1128         | 5IC1128            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050496

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## Sample Results

Page: 21

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/07/2014  
 Continental File No: 7775  
 Continental Order No: 118489

Lab Number: 14050497

Sample Description: WG-05072014-JR-MW11S3A

Date Sampled: 05/07/2014  
 Time Sampled: 0845

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/20          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/20          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/23          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/23          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/23          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/23          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/23          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/23          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/23          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/329         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Carbon tetrachloride           | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Chloroform                     | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Hardness (Calculated)          | 255                       | mg/L as CaCO <sub>3</sub> | 7157/875         |                    |                |                  |
| Chloride                       | 65                        | mg/L                      | 7276/275         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/12/14 1230             | 05/22/14 2036             | 140512-2         | 2NX5142            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/07/2014  
Continental File No: 7775  
Continental Order No: 118489

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/12/14 1230             | 05/22/14 2036             | 140512-2        | 2NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/09/14 1330             | 05/13/14 1613             | 140509-1        | 4EX3132            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/09/14 1600             | 05/14/14 0426             | 140509-2        | 2MS6133            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/08/14 1944             | 1MS8128         | 1MS8128            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/08/14 1333             | 05/09/14 1930             | 140508-5        | 9IP4129            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/08/14 2043             | 2IC1128         | 5IC1128            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050497

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## Sample Results

Page: 23

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/07/2014  
 Continental File No: 7775  
 Continental Order No: 118489

Lab Number: 14050498  
 Sample Description: WG-05072014-JR-MW11S1

Date Sampled: 05/07/2014  
 Time Sampled: 1000

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/20          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/20          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | 0.118                     | µg/L                      | 7409/23          |                    |                |                  |
| B-BHC                          | 0.271                     | µg/L                      | 7409/23          |                    |                |                  |
| G-BHC                          | 0.059                     | µg/L                      | 7409/23          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/23          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/23          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/23          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/23          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/329         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Carbon tetrachloride           | 28.0                      | µg/L                      | 7349/318         |                    |                |                  |
| Chloroform                     | 6.1                       | µg/L                      | 7349/318         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Hardness (Calculated)          | 478                       | mg/L as CaCO <sub>3</sub> | 7157/875         |                    |                |                  |
| Chloride                       | 309                       | mg/L                      | 7276/275         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/12/14 1230             | 05/22/14 2115             | 140512-2         | 2NX5142            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/07/2014  
Continental File No: 7775  
Continental Order No: 118489

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/12/14 1230             | 05/22/14 2115             | 140512-2        | 2NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/09/14 1330             | 05/13/14 1655             | 140509-1        | 4EX3132            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/09/14 1600             | 05/14/14 0509             | 140509-2        | 2MS6133            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/08/14 2019             | 1MS8128         | 1MS8128            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/08/14 1333             | 05/09/14 1934             | 140508-5        | 9IP4129            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/08/14 2055             | 2IC1128         | 5IC1128            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050498

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## Sample Results

Page: 25

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/07/2014  
 Continental File No: 7775  
 Continental Order No: 118489

Lab Number: 14050499

Sample Description: WG-05072014-JR-MW133S2S3

Date Sampled: 05/07/2014  
 Time Sampled: 1105

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/20          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/20          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/23          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/23          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/23          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/23          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/23          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/23          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/23          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/329         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Carbon tetrachloride           | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Chloroform                     | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Hardness (Calculated)          | 226                       | mg/L as CaCO <sub>3</sub> | 7157/875         |                    |                |                  |
| Chloride                       | 34.9                      | mg/L                      | 7276/275         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/12/14 1230             | 05/22/14 2154             | 140512-2         | 2NX5142            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/07/2014  
Continental File No: 7775  
Continental Order No: 118489

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/12/14 1230             | 05/22/14 2154             | 140512-2        | 2NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/09/14 1330             | 05/13/14 1737             | 140509-1        | 4EX3132            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/09/14 1600             | 05/14/14 0553             | 140509-2        | 2MS6133            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/08/14 2056             | 1MS8128         | 1MS8128            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/08/14 1333             | 05/09/14 1938             | 140508-5        | 9IP4129            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/08/14 2108             | 2IC1128         | 5IC1128            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050499

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## Sample Results

Page: 27

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/07/2014  
 Continental File No: 7775  
 Continental Order No: 118489

Lab Number: 14050500  
 Sample Description: WG-05072014-JR-MW20S1

Date Sampled: 05/07/2014  
 Time Sampled: 1305

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/20          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/20          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/23          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/23          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/23          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/23          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/23          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/23          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/23          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/329         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/329         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/329         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/329         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/329         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/329         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7349/318         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7349/318         |
| Benzene                        | ND(0.5)              | µg/L                      | 7349/318         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7349/318         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7349/318         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7349/318         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7349/318         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7349/318         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7349/318         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7349/318         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7349/318         |
| Hardness (Calculated)          | 226                  | mg/L as CaCO <sub>3</sub> | 7157/875         |
| Chloride                       | 22.8                 | mg/L                      | 7276/275         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/12/14 1230             | 05/22/14 2234             | 140512-2        | 2NX5142            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/07/2014  
Continental File No: 7775  
Continental Order No: 118489

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/12/14 1230             | 05/22/14 2234             | 140512-2        | 2NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/09/14 1330             | 05/13/14 1819             | 140509-1        | 4EX3132            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/09/14 1600             | 05/14/14 0637             | 140509-2        | 2MS6133            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/08/14 2131             | 1MS8128         | 1MS8128            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/08/14 1333             | 05/09/14 1943             | 140508-5        | 9IP4129            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/08/14 2120             | 2IC1128         | 5IC1128            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050500

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/07/2014  
 Continental File No: 7775  
 Continental Order No: 118489

Lab Number: 14050501  
 Sample Description: WG-05072014-JR-MW20S3

Date Sampled: 05/07/2014  
 Time Sampled: 1345

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/20          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/20          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/24          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/24          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/24          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/24          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/24          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/24          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/24          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/329         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Carbon tetrachloride           | 60.6                      | µg/L                      | 7349/318         |                    |                |                  |
| Chloroform                     | 1.8                       | µg/L                      | 7349/318         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7349/318         |                    |                |                  |
| Hardness (Calculated)          | 241                       | mg/L as CaCO <sub>3</sub> | 7157/875         |                    |                |                  |
| Chloride                       | 67                        | mg/L                      | 7276/275         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/12/14 1230             | 05/22/14 2313             | 140512-2         | 2NX5142            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/07/2014  
Continental File No: 7775  
Continental Order No: 118489

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/12/14 1230             | 05/22/14 2313             | 140512-2        | 2NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/13/14 1610             | 05/19/14 1334             | 140513-6        | 1EX3139            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/09/14 1600             | 05/14/14 0720             | 140509-2        | 2MS6133            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/08/14 2208             | 1MS8128         | 1MS8128            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/08/14 1333             | 05/09/14 1947             | 140508-5        | 9IP4129            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/08/14 2132             | 2IC1128         | 5IC1128            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050501

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/07/2014  
 Continental File No: 7775  
 Continental Order No: 118489

Lab Number: 14050502  
 Sample Description: WG-05072014-JR-MW145S2S3

Date Sampled: 05/07/2014  
 Time Sampled: 1440

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/20          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/20          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | 0.016 B                   | µg/L                      | 7409/24          |                    |                |                  |
| B-BHC                          | 0.669                     | µg/L                      | 7409/24          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/24          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/24          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/24          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/24          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/24          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/329         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/329         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7349/319         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7349/319         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7349/319         |                    |                |                  |
| Carbon tetrachloride           | ND(0.5)                   | µg/L                      | 7349/319         |                    |                |                  |
| Chloroform                     | ND(0.5)                   | µg/L                      | 7349/319         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7349/319         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7349/319         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7349/319         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7349/319         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7349/319         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7349/319         |                    |                |                  |
| Hardness (Calculated)          | 403                       | mg/L as CaCO <sub>3</sub> | 7157/875         |                    |                |                  |
| Chloride                       | 320.                      | mg/L                      | 7276/275         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/14/14 1030             | 05/23/14 0346             | 140514-2         | 3NX5142            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/07/2014  
Continental File No: 7775  
Continental Order No: 118489

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/14/14 1030             | 05/23/14 0346             | 140514-2        | 3NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/13/14 1610             | 05/19/14 1416             | 140513-6        | 1EX3139            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/09/14 1600             | 05/14/14 0804             | 140509-2        | 2MS6133            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/09/14 1822             | 1MS8129         | 1MS8129            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/08/14 1333             | 05/09/14 1951             | 140508-5        | 9IP4129            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/08/14 2144             | 2IC1128         | 5IC1128            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050502

## Sample Results

Page: 33

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/07/2014  
Continental File No: 7775  
Continental Order No: 118489

---

Lab Number: 14050503  
Sample Description: TB-05072014-JR

Date Sampled: 05/07/2014  
Time Sampled: 1305

| <u>Analysis</u>                      | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u>           |
|--------------------------------------|---------------------------|---------------------------|----------------------------|
| OXY Volatiles by 8260                |                           |                           |                            |
| 1,1,1-Trichloroethane                | ND(0.5)                   | µg/L                      | 7349/318                   |
| 1,2-Dichloroethane                   | ND(0.5)                   | µg/L                      | 7349/318                   |
| Benzene                              | ND(0.5)                   | µg/L                      | 7349/318                   |
| Carbon tetrachloride                 | ND(0.5)                   | µg/L                      | 7349/318                   |
| Chloroform                           | ND(0.5)                   | µg/L                      | 7349/318                   |
| Chloromethane                        | ND(0.5)                   | µg/L                      | 7349/318                   |
| Methylene chloride                   | ND(0.5)                   | µg/L                      | 7349/318                   |
| Tetrachloroethylene                  | ND(0.5)                   | µg/L                      | 7349/318                   |
| Trichloroethylene                    | ND(0.5)                   | µg/L                      | 7349/318                   |
| Vinyl chloride                       | ND(0.5)                   | µg/L                      | 7349/318                   |
| 1,2-Dichloropropane                  | ND(0.5)                   | µg/L                      | 7349/318                   |
| <u>Analysis</u>                      | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>            |
| OXY Volatiles by 8260                | N/A                       | 05/08/14 2319             | 1MS8128                    |
| Volatile Analysis Preparation Method |                           |                           | 1MS8128 GMA 8260B<br>5030B |

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Conclusion of Lab Number: 14050503

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## Appendix

Page: 34

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/07/2014  
Continental File No: 7775  
Continental Order No: 118489

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ND( ), where reported, indicates the analyte was not detected above the Limit of Quantitation (LOQ). The concentration of the LOQ is inside the parentheses.

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All samples which require cooling were received at a temperature of less than 6 degrees Celsius.

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No analysis with a holding time of seventy-two hours or less was performed in this Continental order.

---

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

B - Analyte is also present in the method blank or load blank at the concentration indicated either to the right of the letter B and/or in the enclosed Quality Control Report. The reported sample concentration has not been blank corrected.

FC - The confirmation analysis on a second GC column (or detector) resulted in a greater than 40% difference between the primary and confirmation results. The lower value was reported.

SR - One or more surrogate recoveries for this analysis did not meet quality control limits. Please see the Quality Control Report for the sample surrogate data.

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## Accreditation Summary

Page: 35

Client: Occidental Chemical Corporation  
Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/07/2014  
Continental File No: 7775  
Continental Order No: 118489

---

NELAP accreditation is issued under each EPA regulatory program for a given matrix/analyte/method combination. Continental is NELAP accredited for each matrix/analyte/method and EPA program cited in this Laboratory Report, except for those listed in the table below and for analyses performed in the field. For most of the analyses listed in the table, NELAP accreditation is not offered under the listed EPA program and Continental is NELAP accredited for the analysis, using the same analytical technology, but under a different EPA program. Continental's full NELAP accreditation status may be viewed at [www.kdheks.gov/envlab](http://www.kdheks.gov/envlab). Note that unless qualified otherwise in the Laboratory Report, Continental performs all analyses, including each analysis listed in the table below, utilizing NELAP protocol.

| <u>Test</u> | <u>Analysis</u>           | <u>Matrix-Regulatory Program</u> | <u>Method</u> | <u>CAS NELAP Accredited in Other Reg. Program</u> |
|-------------|---------------------------|----------------------------------|---------------|---|
| CL351       | OXY Chlorinated Hyd.      | L-RCRA                           | 8121          |   |
| CL351       | Hexachloroethane          | L-RCRA                           | 8121          | No  |
| CL351       | Hexachlorobutadiene       | L-RCRA                           | 8121          | No  |
| MS302       | OXY GC/MS Acids           | L-RCRA                           | 8270C         |   |
| MS302       | 3-& 4-Chlorophenol        | L-RCRA                           | 8270C         | No  |
| MS302       | 2,5-Dichlorophenol        | L-RCRA                           | 8270C         | No  |
| MS302       | 2,3,4,5-Tetrachlorophenol | L-RCRA                           | 8270C         | No  |

**Quality Control Report  
Batch Summary**

Page: 36

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/07/2014  
Continental File No: 7775  
Continental Order No: 118489

| Test Code  | Testname                       | QC Batch | Method Blank Date/Time Analyzed | LCS Date/Time Analyzed      | MS Lab No. Date/Time Analyzed |
|--|--------------------------------|----------|---------------------------------|-----------------------------|-------------------------------|
| CL223  | 2,4-Dichlorophenoxyacetic Acid | 140512-2 | 140512BLK2<br>05/22/14 1128     | 140512LCS2<br>05/22/14 1207 | 14050789MS<br>05/23/14 0110   |
| Lab numbers associated with this batch:<br>14050488 14050489 14050490 14050491 14050492 14050493 14050494 14050495 14050496 14050497 14050498<br>14050499 14050500 14050501          |                                |          |                                 |                             |                               |
| CL223  | 2,4-Dichlorophenoxyacetic Acid | 140514-2 | 140514BLK2<br>05/23/14 0228     | 140514LCS2<br>05/23/14 0307 | 14050798MS<br>05/23/14 1728   |
| Lab numbers associated with this batch:<br>14050502  |                                |          |                                 |                             |                               |
| CL350  | Pentachlorophenol              | 140512-2 | 140512BLK2<br>05/22/14 1128     | 140512LCS2<br>05/22/14 1207 | 14050789MS<br>05/23/14 0110   |
| Lab numbers associated with this batch:<br>14050488 14050489 14050490 14050491 14050492 14050493 14050494 14050495 14050496 14050497 14050498<br>14050499 14050500 14050501          |                                |          |                                 |                             |                               |
| CL350  | Pentachlorophenol              | 140514-2 | 140514BLK2<br>05/23/14 0228     | 140514LCS2<br>05/23/14 0307 | 14050798MS<br>05/23/14 1728   |
| Lab numbers associated with this batch:<br>14050502  |                                |          |                                 |                             |                               |
| CL351  | OXY Chlorinated Hyd.           | 140509-1 | 140509BLK1<br>05/12/14 2326     | 140509LCS1<br>05/13/14 0008 |                               |
| Lab numbers associated with this batch:<br>14050488 14050489 14050490 14050491 14050492 14050493 14050494 14050495 14050496 14050497 14050498<br>14050499 14050500                   |                                |          |                                 |                             |                               |
| CL351  | OXY Chlorinated Hyd.           | 140513-6 | 140513BLK6<br>05/19/14 1210     | 140513LCS6<br>05/19/14 1252 | 14050789MS<br>05/19/14 2324   |
| Lab numbers associated with this batch:<br>14050501 14050502   |                                |          |                                 |                             |                               |
| MS302  | OXY GC/MS Acids                | 140509-2 | 140509BLK2<br>05/13/14 1218     | 140509LCS2<br>05/13/14 1302 |                               |
| Lab numbers associated with this batch:<br>14050488 14050489 14050490 14050491 14050492 14050493 14050494 14050495 14050496 14050497 14050498<br>14050499 14050500 14050501 14050502 |                                |          |                                 |                             |                               |
| MS350  | OXY Volatiles by 8260          | 1MS5128  | BLK1MS5128<br>05/08/14 1437     | LCS1MS5128<br>05/08/14 1345 | 14050493MS<br>05/08/14 2248   |
| Lab numbers associated with this batch:<br>14050488 14050489 14050491 14050492 14050493 14050495   |                                |          |                                 |                             |                               |
| MS350  | OXY Volatiles by 8260          | 1MS8128  | BLK1MS8128<br>05/08/14 1608     | LCS1MS8128<br>05/08/14 1456 |                               |
| Lab numbers associated with this batch:<br>14050496 14050497 14050498 14050499 14050500 14050501 14050503  |                                |          |                                 |                             |                               |
| MS350  | OXY Volatiles by 8260          | 1MS8129  | BLK1MS8129<br>05/09/14 1523     | LCS1MS8129<br>05/09/14 1411 |                               |
| Lab numbers associated with this batch:<br>14050490 14050494 14050502  |                                |          |                                 |                             |                               |

**Quality Control Report  
Batch Summary**

Page: 37

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/07/2014  
Continental File No: 7775  
Continental Order No: 118489

| Test Code  | Testname              | QC Batch | Method Blank Date/Time Analyzed | LCS Date/Time Analyzed      | MS Lab No. Date/Time Analyzed |
|--|-----------------------|----------|---------------------------------|-----------------------------|-------------------------------|
| SL323  | Hardness (Calculated) | 140508-5 | 140508BLK5<br>05/09/14 1811     | 140508LCS5<br>05/09/14 1823 | 14050486MS<br>05/12/14 2334   |
| Lab numbers associated with this batch:  |                       |          |                                 |                             |                               |
| 14050488 14050489 14050490 14050491 14050492 14050493 14050494 14050495 14050496 14050497 14050498 |                       |          |                                 |                             |                               |
| 14050499 14050500 14050501 14050502  |                       |          |                                 |                             |                               |
| GL502  | Chloride              | 2IC1128  | BLK2IC1128<br>05/08/14 1651     | LCS2IC1128<br>05/08/14 1703 | 14050486MS<br>05/08/14 1752   |
| Lab numbers associated with this batch:  |                       |          |                                 |                             |                               |
| 14050488 14050489 14050490 14050491 14050492 14050493 14050494 14050495 14050496 14050497 14050498 |                       |          |                                 |                             |                               |
| 14050499 14050500 14050501 14050502  |                       |          |                                 |                             |                               |

**Quality Control Report**  
**Method Blank, LCS, MS/MSD Data**

Page: 38

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/07/2014  
 Continental File No: 7775  
 Continental Order No: 118489

| Analysis                             | Blank   | % Rec   | Limits    | Spike                          | Spiked Sample |     |       | Limits    | Spike | Units  | Spiked Sample |      |
|--------------------------------------|---|---------|-----------|--------------------------------|---------------|-----|-------|-----------|-------|--------|---------------|------|
|                                      | Data  | LCS     |           | Level                          | MS            | MSD | Level |           | RPD   |        | Precision     | Data |
| <b>QC Batch: 140508-5</b>            | <b>For samples prepared on: 05/08/2014 1333</b> |         |           | <b>Spiked sample: 14050486</b> |               |     |       |           |       |        |               |      |
| <b>Hardness (Calculated)</b>         | ND(5.0)   | 96.1    | 80.0-120  | 337                            | mg/L a        | MN  | MN    | 80.0-120  | 337   | mg/L a | **            | 20.0 |
| <b>QC Batch: 140509-1</b>            | <b>For samples prepared on: 05/09/2014 1330</b> |         |           | <b>Spiked sample:</b>          |               |     |       |           |       |        |               |      |
| <b>OXY Chlorinated Hyd.</b>          |   |         | N/A       |                                | MN            | MN  |       | N/A       |       |        |               |      |
| A-BHC                                | ND(0.011)                                       | 95.0    | 79.1-131  | 0.50                           | µg/L          |     |       | 75.2-138  | N/A   | µg/L   | **            | 15.8 |
| B-BHC                                | ND(0.037)                                       | 92.8    | 75.0-135  | 0.50                           | µg/L          |     |       | 72.4-137  | N/A   | µg/L   | **            | 17.5 |
| G-BHC                                | ND(0.052)                                       | 94.4    | 77.8-133  | 0.50                           | µg/L          |     |       | 77.9-137  | N/A   | µg/L   | **            | 16.6 |
| Hexachloroethane                     | ND(0.02)  | 85.4    | 46.8-125  | 0.50                           | µg/L          |     |       | 31.6-131  | N/A   | µg/L   | **            | 22.6 |
| Hexachlorobutadiene                  | ND(0.02)  | 86.8    | 41.2-130  | 0.50                           | µg/L          |     |       | 29.4-129  | N/A   | µg/L   | **            | 25.6 |
| Hexachlorobenzene                    | ND(0.10)  | 91.4    | 70.8-133  | 0.50                           | µg/L          |     |       | 64.7-137  | N/A   | µg/L   | **            | 19.3 |
| D-BHC                                | ND(0.05)  | 98.4    | 76.9-150  | 0.50                           | µg/L          |     |       | 73.2-157  | N/A   | µg/L   | **            | 17.1 |
| <b>Surrogates:</b>                   |   |         |           |                                |               |     |       |           |       |        |               |      |
| 1,4-DICHLORONAPHTHALENE              | 71.2  | 68.8    | 58.6-99.8 | 8.0                            | µg/L          | MN  | MN    | 58.6-99.8 | N/A   | µg/L   | **            |      |
| <b>QC Batch: 140509-2</b>            | <b>For samples prepared on: 05/09/2014 1600</b> |         |           | <b>Spiked sample:</b>          |               |     |       |           |       |        |               |      |
| <b>OXY GC/MS Acids</b>               |   |         | N/A       |                                | MN            | MN  |       | N/A       |       |        |               |      |
| 2-Chlorophenol                       | ND(5.0)   | 86.5    | 70.2-103  | 50.0                           | µg/L          |     |       | 69.9-103  | N/A   | µg/L   | **            | 8.8  |
| 3- & 4-Chlorophenol                  | ND(5.0)   | 72.7    | 60.2-90.2 | 50.0                           | µg/L          |     |       | 59.9-92.2 | N/A   | µg/L   | **            | 10.3 |
| 2,4-Dichlorophenol                   | ND(5.0)   | 91.4    | 69.4-120  | 50.0                           | µg/L          |     |       | 67.9-124  | N/A   | µg/L   | **            | 12.8 |
| 2,5-Dichlorophenol                   | ND(5.0)   | 89.8    | 74.7-110  | 50.0                           | µg/L          |     |       | 77.0-100  | N/A   | µg/L   | **            | 14.7 |
| 2,6-Dichlorophenol                   | ND(5.0)   | 93.1    | 75.6-115  | 50.0                           | µg/L          |     |       | 73.8-118  | N/A   | µg/L   | **            | 7.8  |
| 2,4,5-Trichlorophenol                | ND(5.0)   | 96.6    | 78.9-118  | 50.0                           | µg/L          |     |       | 80.6-118  | N/A   | µg/L   | **            | 8.9  |
| 2,4,6-Trichlorophenol                | ND(5.0)   | 91.7    | 78.5-118  | 50.0                           | µg/L          |     |       | 79.4-120  | N/A   | µg/L   | **            | 9.9  |
| 2,3,4,5-Tetrachlorophenol            | ND(5.0) CE                                      | 93.7 CE | 72.6-125  | 100                            | µg/L          |     |       | 73.7-125  | N/A   | µg/L   | **            | 11.4 |
| 2,3,4,6-Tetrachlorophenol            | ND(5.0)   | 104     | 72.9-128  | 50.0                           | µg/L          |     |       | 75.1-128  | N/A   | µg/L   | **            | 12.5 |
| <b>Surrogates:</b>                   |   |         |           |                                |               |     |       |           |       |        |               |      |
| PHENOL-d6                            | 35.2  | 33.9    | 22.3-43.0 | 150                            | µg/L          | MN  | MN    | 22.3-43.0 | N/A   | µg/L   | **            |      |
| 2-FLUOROPHENOL                       | 55.2  | 54.4    | 37.7-66.5 | 150                            | µg/L          | MN  | MN    | 37.7-66.5 | N/A   | µg/L   | **            |      |
| 2,4,6-TRIBROMOPHENOL                 | 94.5  | 102     | 56.7-128  | 150                            | µg/L          | MN  | MN    | 56.7-128  | N/A   | µg/L   | **            |      |
| <b>QC Batch: 140512-2</b>            | <b>For samples prepared on: 05/12/2014 1230</b> |         |           | <b>Spiked sample: 14050789</b> |               |     |       |           |       |        |               |      |
| <b>2,4-Dichlorophenoxyacetic Aci</b> | ND(1.0)   | 105     | 69.8-136  | 4.0                            | µg/L          | MN  | MN    | 77.4-130  | 4.0   | µg/L   | **            | 20.7 |
| <b>Surrogates:</b>                   |   |         |           |                                |               |     |       |           |       |        |               |      |
| 2,4-DICHLOROPHENYLACETIC ACID        | 93.2  | 97.2    | 61.3-125  | 5.0                            | µg/L          | MN  | MN    | 61.3-125  | 5.0   | µg/L   | **            |      |
| <b>QC Batch: 140512-2</b>            | <b>For samples prepared on: 05/12/2014 1230</b> |         |           | <b>Spiked sample: 14050789</b> |               |     |       |           |       |        |               |      |
| <b>Pentachlorophenol</b>             | ND(0.5)   | 91.5    | 74.9-121  | 4.0                            | µg/L          | MN  | MN    | 10.5-152  | 4.0   | µg/L   | **            | 16.3 |
| <b>Surrogates:</b>                   |   |         |           |                                |               |     |       |           |       |        |               |      |
| 2,4-DICHLOROPHENYLACETIC ACID        | 93.2  | 97.2    | 61.3-125  | 5.0                            | µg/L          | MN  | MN    | 61.3-125  | 5.0   | µg/L   | **            |      |
| <b>QC Batch: 140513-6</b>            | <b>For samples prepared on: 05/13/2014 1610</b> |         |           | <b>Spiked sample: 14050789</b> |               |     |       |           |       |        |               |      |
| <b>OXY Chlorinated Hyd.</b>          |   |         | N/A       |                                | MN            | MN  |       | N/A       |       |        |               |      |
| A-BHC                                | 0.008 J   | 104     | 79.1-131  | 0.50                           | µg/L          |     |       | 75.2-138  | 0.50  | µg/L   | **            | 15.8 |
| B-BHC                                | ND(0.037)                                       | 101     | 75.0-135  | 0.50                           | µg/L          |     |       | 72.4-137  | 0.50  | µg/L   | **            | 17.5 |
| G-BHC                                | ND(0.052)                                       | 104     | 77.8-133  | 0.50                           | µg/L          |     |       | 77.9-137  | 0.50  | µg/L   | **            | 16.6 |
| Hexachloroethane                     | ND(0.02)  | 90.4    | 46.8-125  | 0.50                           | µg/L          |     |       | 31.6-131  | 0.50  | µg/L   | **            | 22.6 |
| Hexachlorobutadiene                  | ND(0.02)  | 92.2    | 41.2-130  | 0.50                           | µg/L          |     |       | 29.4-129  | 0.50  | µg/L   | **            | 25.6 |
| Hexachlorobenzene                    | ND(0.10)  | 101     | 70.8-133  | 0.50                           | µg/L          |     |       | 64.7-137  | 0.50  | µg/L   | **            | 19.3 |
| D-BHC                                | ND(0.05)  | 102     | 76.9-150  | 0.50                           | µg/L          |     |       | 73.2-157  | 0.50  | µg/L   | **            | 17.1 |
| <b>Surrogates:</b>                   |   |         |           |                                |               |     |       |           |       |        |               |      |
| 1,4-DICHLORONAPHTHALENE              | 77.5  | 79.4    | 58.6-99.8 | 8.0                            | µg/L          | MN  | MN    | 58.6-99.8 | 8.0   | µg/L   | **            |      |

**Quality Control Report**  
**Method Blank, LCS, MS/MSD Data**

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/07/2014  
 Continental File No: 7775  
 Continental Order No: 118489

| Analysis                       | Blank   | % Rec | Limits   | Spike                          | Spiked Sample |              |      | Limits   | Spike | Units | Spiked Sample |                |
|--------------------------------|---|-------|----------|--------------------------------|---------------|--------------|------|----------|-------|-------|---------------|----------------|
|                                | Data  | LCS   |          | Level                          | MS            | (% Recovery) | MSD  |          | Level |       | RPD           | Precision Data |
| <b>QC Batch: 140514-2</b>      | <b>For samples prepared on: 05/14/2014 1030</b> |       |          | <b>Spiked sample: 14050798</b> |               |              |      |          |       |       |               |                |
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)   | 94.2  | 69.8-136 | 4.0                            | µg/L          | MN           | MN   | 77.4-130 | 4.0   | µg/L  | **            | 20.7           |
| <b>Surrogates:</b>             |   |       |          |                                |               |              |      |          |       |       |               |                |
| 2,4-DICHLOROPHENYLACETIC ACID  | 89.4  | 96.6  | 61.3-125 | 5.0                            | µg/L          | MN           | MN   | 61.3-125 | 5.0   | µg/L  | **            |                |
| <b>QC Batch: 140514-2</b>      | <b>For samples prepared on: 05/14/2014 1030</b> |       |          | <b>Spiked sample: 14050798</b> |               |              |      |          |       |       |               |                |
| Pentachlorophenol              | ND(0.5)   | 92.1  | 74.9-121 | 4.0                            | µg/L          | MN           | MN   | 10.5-152 | 4.0   | µg/L  | **            | 16.3           |
| <b>Surrogates:</b>             |   |       |          |                                |               |              |      |          |       |       |               |                |
| 2,4-DICHLOROPHENYLACETIC ACID  | 89.4  | 96.6  | 61.3-125 | 5.0                            | µg/L          | MN           | MN   | 61.3-125 | 5.0   | µg/L  | **            |                |
| <b>QC Batch: 1MSS128</b>       | <b>For sample analyzed on: 05/08/2014</b>       |       |          | <b>Spiked sample: 14050493</b> |               |              |      |          |       |       |               |                |
| <b>OXY Volatiles by 8260</b>   |   |       |          | N/A                            |               |              |      |          |       |       |               |                |
| 1,1,1-Trichloroethane          | ND(0.5)   | 98.4  | 81.5-118 | 10.0                           | µg/L          | 104          | 107  | 80.9-119 | 2000  | µg/L  | 2.90          | 8.0            |
| 1,2-Dichloroethane             | ND(0.5)   | 94.7  | 74.4-117 | 10.0                           | µg/L          | 99.7         | 95.8 | 76.0-121 | 2000  | µg/L  | 4.00          | 10.3           |
| Benzene                        | ND(0.5)   | 94.9  | 84.4-112 | 10.0                           | µg/L          | 101          | 98.1 | 79.1-119 | 2000  | µg/L  | 2.70          | 6.3            |
| Carbon tetrachloride           | ND(0.5)   | 105   | 81.7-124 | 10.0                           | µg/L          | 106          | 109  | 79.4-126 | 2000  | µg/L  | 0.90          | 8.3            |
| Chloroform                     | ND(0.5)   | 97.2  | 75.7-112 | 10.0                           | µg/L          | 114          | 108  | 72.9-119 | 2000  | µg/L  | 1.50          | 8.1            |
| Chloromethane                  | ND(0.5)   | 95.3  | 72.2-129 | 10.0                           | µg/L          | 105          | 104  | 67.0-134 | 2000  | µg/L  | 0.20          | 11.7           |
| Methylene chloride             | ND(0.5)   | 98.1  | 77.0-112 | 10.0                           | µg/L          | 108          | 101  | 75.6-117 | 2000  | µg/L  | 6.80          | 10.5           |
| Tetrachloroethylene            | ND(0.5)   | 105   | 87.4-118 | 10.0                           | µg/L          | 101          | 101  | 83.0-120 | 2000  | µg/L  | 0.10          | 8.2            |
| Trichloroethylene              | ND(0.5)   | 98.6  | 82.5-115 | 10.0                           | µg/L          | 104          | 103  | 82.9-118 | 2000  | µg/L  | 0.70          | 8.3            |
| Vinyl chloride                 | ND(0.5)   | 85.9  | 76.6-130 | 10.0                           | µg/L          | 92.4         | 93.3 | 73.1-135 | 2000  | µg/L  | 1.00          | 12.6           |
| 1,2-Dichloropropane            | ND(0.5)   | 98.3  | 80.8-112 | 10.0                           | µg/L          | 99.0         | 97.7 | 81.1-116 | 2000  | µg/L  | 1.30          | 9.9            |
| <b>Surrogates:</b>             |   |       |          |                                |               |              |      |          |       |       |               |                |
| 1,2-DICHLOROETHANE-d4          | 97.7  | 94.7  | 74.9-126 | 10.0                           | µg/L          | 103          | 95.3 | 74.9-126 | 2000  | µg/L  |               |                |
| TOLUENE-d8                     | 102   | 105   | 90.5-117 | 10.0                           | µg/L          | 104          | 101  | 90.5-117 | 2000  | µg/L  |               |                |
| <b>QC Batch: 1MS8128</b>       | <b>For sample analyzed on: 05/08/2014</b>       |       |          | <b>Spiked sample:</b>          |               |              |      |          |       |       |               |                |
| <b>OXY Volatiles by 8260</b>   |   |       |          | N/A                            |               |              |      | N/A      |       |       |               |                |
| 1,1,1-Trichloroethane          | ND(0.5)   | 100.  | 81.5-118 | 10.0                           | µg/L          |              |      | 80.9-119 | N/A   | µg/L  | **            | 8.0            |
| 1,2-Dichloroethane             | ND(0.5)   | 97.2  | 74.4-117 | 10.0                           | µg/L          |              |      | 76.0-121 | N/A   | µg/L  | **            | 10.3           |
| Benzene                        | ND(0.5)   | 97.2  | 84.4-112 | 10.0                           | µg/L          |              |      | 79.1-119 | N/A   | µg/L  | **            | 6.3            |
| Carbon tetrachloride           | ND(0.5)   | 99.7  | 81.7-124 | 10.0                           | µg/L          |              |      | 79.4-126 | N/A   | µg/L  | **            | 8.3            |
| Chloroform                     | ND(0.5)   | 96.5  | 75.7-112 | 10.0                           | µg/L          |              |      | 72.9-119 | N/A   | µg/L  | **            | 8.1            |
| Chloromethane                  | ND(0.5)   | 94.9  | 72.2-129 | 10.0                           | µg/L          |              |      | 67.0-134 | N/A   | µg/L  | **            | 11.7           |
| Methylene chloride             | ND(0.5)   | 93.7  | 77.0-112 | 10.0                           | µg/L          |              |      | 75.6-117 | N/A   | µg/L  | **            | 10.5           |
| Tetrachloroethylene            | ND(0.5)   | 101   | 87.4-118 | 10.0                           | µg/L          |              |      | 83.0-120 | N/A   | µg/L  | **            | 8.2            |
| Trichloroethylene              | ND(0.5)   | 101   | 82.5-115 | 10.0                           | µg/L          |              |      | 82.9-118 | N/A   | µg/L  | **            | 8.3            |
| Vinyl chloride                 | ND(0.5)   | 100.  | 76.6-130 | 10.0                           | µg/L          |              |      | 73.1-135 | N/A   | µg/L  | **            | 12.6           |
| 1,2-Dichloropropane            | ND(0.5)   | 91.8  | 80.8-112 | 10.0                           | µg/L          |              |      | 81.1-116 | N/A   | µg/L  | **            | 9.9            |
| <b>Surrogates:</b>             |   |       |          |                                |               |              |      |          |       |       |               |                |
| 1,2-DICHLOROETHANE-d4          | 109   | 104   | 74.9-126 | 10.0                           | µg/L          | MN           | MN   | 74.9-126 | N/A   | µg/L  | **            |                |
| TOLUENE-d8                     | 97.4  | 105   | 90.5-117 | 10.0                           | µg/L          | MN           | MN   | 90.5-117 | N/A   | µg/L  | **            |                |
| <b>QC Batch: 1MS8129</b>       | <b>For sample analyzed on: 05/09/2014</b>       |       |          | <b>Spiked sample:</b>          |               |              |      |          |       |       |               |                |
| <b>OXY Volatiles by 8260</b>   |   |       |          | N/A                            |               |              |      | N/A      |       |       |               |                |
| 1,1,1-Trichloroethane          | ND(0.5)   | 98.6  | 81.5-118 | 10.0                           | µg/L          |              |      | 80.9-119 | N/A   | µg/L  | **            | 8.0            |
| 1,2-Dichloroethane             | ND(0.5)   | 106   | 74.4-117 | 10.0                           | µg/L          |              |      | 76.0-121 | N/A   | µg/L  | **            | 10.3           |
| Benzene                        | ND(0.5)   | 86.3  | 84.4-112 | 10.0                           | µg/L          |              |      | 79.1-119 | N/A   | µg/L  | **            | 6.3            |
| Carbon tetrachloride           | ND(0.5)   | 108   | 81.7-124 | 10.0                           | µg/L          |              |      | 79.4-126 | N/A   | µg/L  | **            | 8.3            |
| Chloroform                     | ND(0.5)   | 96.4  | 75.7-112 | 10.0                           | µg/L          |              |      | 72.9-119 | N/A   | µg/L  | **            | 8.1            |
| Chloromethane                  | ND(0.5)   | 80.4  | 72.2-129 | 10.0                           | µg/L          |              |      | 67.0-134 | N/A   | µg/L  | **            | 11.7           |
| Methylene chloride             | ND(0.5)   | 87.0  | 77.0-112 | 10.0                           | µg/L          |              |      | 75.6-117 | N/A   | µg/L  | **            | 10.5           |

**Quality Control Report  
Method Blank, LCS, MS/MSD Data**

Page: 40

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/07/2014  
Continental File No: 7775  
Continental Order No: 118489

| Analysis                 | Blank   | % Rec | Limits   | Spike | Spiked Sample |              |    | Limits   | Spike | Units | Spiked Sample |                      |
|--------------------------|---------|-------|----------|-------|---------------|--------------|----|----------|-------|-------|---------------|----------------------|
|                          | Data    | LCS   |          | Level | Units         | (% Recovery) | MS |          | Level |       | RPD           | Precision Data Limit |
| <b>QC Batch: 1MS8129</b> |         |       |          |       |               |              |    |          |       |       |               |                      |
| Tetrachloroethylene      | ND(0.5) | 112   | 87.4-118 | 10.0  | µg/L          |              |    | 83.0-120 | N/A   | µg/L  | **            | 8.2                  |
| Trichloroethylene        | ND(0.5) | 92.2  | 82.5-115 | 10.0  | µg/L          |              |    | 82.9-118 | N/A   | µg/L  | **            | 8.3                  |
| Vinyl chloride           | ND(0.5) | 85.5  | 76.6-130 | 10.0  | µg/L          |              |    | 73.1-135 | N/A   | µg/L  | **            | 12.6                 |
| 1,2-Dichloropropane      | ND(0.5) | 85.0  | 80.8-112 | 10.0  | µg/L          |              |    | 81.1-116 | N/A   | µg/L  | **            | 9.9                  |
| <b>Surrogates:</b>       |         |       |          |       |               |              |    |          |       |       |               |                      |
| 1,2-DICHLOROETHANE-d4    | 115     | 110.  | 74.9-126 | 10.0  | µg/L          | MN           | MN | 74.9-126 | N/A   | µg/L  | **            |                      |
| TOLUENE-d8               | 94.6    | 99.4  | 90.5-117 | 10.0  | µg/L          | MN           | MN | 90.5-117 | N/A   | µg/L  | **            |                      |
| <b>QC Batch: 2IC1128</b> |         |       |          |       |               |              |    |          |       |       |               |                      |
| Chloride                 | ND(1.0) | 98.6  | 90.0-110 | 4.0   | mg/L          | MN           | MN | 71.9-123 | 40.0  | mg/L  | **            | 5.2                  |

Data Qualifiers:

MN - The MS/MSD sample analyses were not performed on a sample from this Continental order number.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

J - The concentration or not detected (ND) value is below the Limit of Quantitation (LOQ) and is considered an estimated value.

\*\* - RPD calculation not applicable/not available for this analysis.

# Quality Control Report

## Sample Surrogate Data

Page: 41

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/07/2014  
 Continental File No: 7775  
 Continental Order No: 118489

| <b>Surrogate</b>              | <b>Date Prepared</b>                             | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|-------------------------------|--|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14050488</b>   | <b>Sample Description: WG-05062014-AK-MW14S1</b> |                      |                    |              |                   |                            |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/12/2014                                       | 05/22/2014           | 5.0                | µg/L         | 99.5              | 61.3-125                   |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/12/2014                                       | 05/22/2014           | 5.0                | µg/L         | 99.5              | 61.3-125                   |
| OXY Chlorinated Hyd.          |  |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/09/2014                                       | 05/13/2014           | 8.0                | µg/L         | 68.0              | 58.6-99.8                  |
| OXY GC/MS Acids               |  |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/09/2014                                       | 05/13/2014           | 150                | µg/L         | 30.4              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/09/2014                                       | 05/13/2014           | 150                | µg/L         | 48.5              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/09/2014                                       | 05/13/2014           | 150                | µg/L         | 74.3              | 56.7-128                   |
| OXY Volatiles by 8260         |  |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |  |                      |                    |              |                   |                            |
| TOLUENE-d8                    | 05/08/2014                                       | 10                   | µg/L               | 99.0         | 74.9-126          |                            |
|                               | 05/08/2014                                       | 10                   | µg/L               | 105          | 90.5-117          |                            |
| <b>Lab Number: 14050489</b>   | <b>Sample Description: WG-05062014-AK-MW02S1</b> |                      |                    |              |                   |                            |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/12/2014                                       | 05/22/2014           | 5.0                | µg/L         | 95.5              | 61.3-125                   |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/12/2014                                       | 05/22/2014           | 5.0                | µg/L         | 95.5              | 61.3-125                   |
| OXY Chlorinated Hyd.          |  |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/09/2014                                       | 05/13/2014           | 8.0                | µg/L         | 66.9              | 58.6-99.8                  |
| OXY GC/MS Acids               |  |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/09/2014                                       | 05/13/2014           | 150                | µg/L         | 34.5              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/09/2014                                       | 05/13/2014           | 150                | µg/L         | 53.7              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/09/2014                                       | 05/13/2014           | 150                | µg/L         | 84.2              | 56.7-128                   |
| OXY Volatiles by 8260         |  |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |  |                      |                    |              |                   |                            |
| TOLUENE-d8                    | 05/08/2014                                       | 10                   | µg/L               | 96.0         | 74.9-126          |                            |
|                               | 05/08/2014                                       | 10                   | µg/L               | 107          | 90.5-117          |                            |
| <b>Lab Number: 14050490</b>   | <b>Sample Description: WG-05062014-AK-MW02S2</b> |                      |                    |              |                   |                            |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/12/2014                                       | 05/22/2014           | 5.0                | µg/L         | 95.1              | 61.3-125                   |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/12/2014                                       | 05/22/2014           | 5.0                | µg/L         | 95.1              | 61.3-125                   |
| OXY Chlorinated Hyd.          |  |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/09/2014                                       | 05/13/2014           | 8.0                | µg/L         | 66.4              | 58.6-99.8                  |
| OXY GC/MS Acids               |  |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/09/2014                                       | 05/13/2014           | 150                | µg/L         | 29.1              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/09/2014                                       | 05/13/2014           | 150                | µg/L         | 45.3              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/09/2014                                       | 05/13/2014           | 150                | µg/L         | 88.2              | 56.7-128                   |
| OXY Volatiles by 8260         |  |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |  |                      |                    |              |                   |                            |
| TOLUENE-d8                    | 05/09/2014                                       | 40                   | µg/L               | 103          | 74.9-126          |                            |
|                               | 05/09/2014                                       | 40                   | µg/L               | 99.0         | 90.5-117          |                            |
| <b>Lab Number: 14050491</b>   | <b>Sample Description: WG-05072014-AK-MW22S1</b> |                      |                    |              |                   |                            |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/12/2014                                       | 05/22/2014           | 5.0                | µg/L         | 96.4              | 61.3-125                   |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/12/2014                                       | 05/22/2014           | 5.0                | µg/L         | 96.4              | 61.3-125                   |
| OXY Chlorinated Hyd.          |  |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/09/2014                                       | 05/13/2014           | 8.0                | µg/L         | 72.6              | 58.6-99.8                  |
| OXY GC/MS Acids               |  |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/09/2014                                       | 05/14/2014           | 150                | µg/L         | 30.1              | 22.3-43.0                  |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/07/2014  
 Continental File No: 7775  
 Continental Order No: 118489

| <b>Surrogate</b>                                     | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|--|----------------------|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14050491</b>                          |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05072014-AK-MW22S1</b>     |                      |                      |                    |              |                   |                            |
| OXY GC/MS Acids                                      |                      |                      |                    |              |                   |                            |
| 2-FLUOROPHENOL                                       | 05/09/2014           | 05/14/2014           | 150                | µg/L         | 48.6              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                                 | 05/09/2014           | 05/14/2014           | 150                | µg/L         | 81.0              | 56.7-128                   |
| OXY Volatiles by 8260                                |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                                |                      | 05/08/2014           | 10                 | µg/L         | 102               | 74.9-126                   |
| TOLUENE-d8   |                      | 05/08/2014           | 10                 | µg/L         | 108               | 90.5-117                   |
| <b>Lab Number: 14050492</b>                          |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05072014-AK-MW22S4</b>     |                      |                      |                    |              |                   |                            |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                        | 05/12/2014           | 05/22/2014           | 5.0                | µg/L         | 89.5              | 61.3-125                   |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                        | 05/12/2014           | 05/22/2014           | 5.0                | µg/L         | 89.5              | 61.3-125                   |
| OXY Chlorinated Hyd.                                 |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                              | 05/09/2014           | 05/13/2014           | 8.0                | µg/L         | 75.1              | 58.6-99.8                  |
| OXY GC/MS Acids                                      |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/09/2014           | 05/14/2014           | 150                | µg/L         | 34.4              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                       | 05/09/2014           | 05/14/2014           | 150                | µg/L         | 54.1              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                                 | 05/09/2014           | 05/14/2014           | 150                | µg/L         | 87.2              | 56.7-128                   |
| OXY Volatiles by 8260                                |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                                |                      | 05/08/2014           | 10                 | µg/L         | 101               | 74.9-126                   |
| TOLUENE-d8   |                      | 05/08/2014           | 10                 | µg/L         | 107               | 90.5-117                   |
| <b>Lab Number: 14050493</b>                          |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05072014-AK-MW14S3</b>     |                      |                      |                    |              |                   |                            |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                        | 05/12/2014           | 05/22/2014           | 5.0                | µg/L         | 96.5              | 61.3-125                   |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                        | 05/12/2014           | 05/22/2014           | 5.0                | µg/L         | 96.5              | 61.3-125                   |
| OXY Chlorinated Hyd.                                 |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                              | 05/09/2014           | 05/13/2014           | 8.0                | µg/L         | 103 SH            | 58.6-99.8                  |
| OXY GC/MS Acids                                      |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/09/2014           | 05/14/2014           | 150                | µg/L         | 31.6              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                       | 05/09/2014           | 05/14/2014           | 150                | µg/L         | 47.7              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                                 | 05/09/2014           | 05/14/2014           | 150                | µg/L         | 92.2              | 56.7-128                   |
| OXY Volatiles by 8260                                |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                                |                      | 05/08/2014           | 2000               | µg/L         | 93.9              | 74.9-126                   |
| TOLUENE-d8   |                      | 05/08/2014           | 2000               | µg/L         | 105               | 90.5-117                   |
| <b>Lab Number: 14050494</b>                          |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05072014-AK-MW141S2/S3</b> |                      |                      |                    |              |                   |                            |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                        | 05/12/2014           | 05/22/2014           | 5.0                | µg/L         | 94.4              | 61.3-125                   |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                        | 05/12/2014           | 05/22/2014           | 5.0                | µg/L         | 94.4              | 61.3-125                   |
| OXY Chlorinated Hyd.                                 |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                              | 05/09/2014           | 05/13/2014           | 8.0                | µg/L         | 74.4              | 58.6-99.8                  |
| OXY GC/MS Acids                                      |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/09/2014           | 05/14/2014           | 150                | µg/L         | 34.3              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                       | 05/09/2014           | 05/14/2014           | 150                | µg/L         | 53.5              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                                 | 05/09/2014           | 05/14/2014           | 150                | µg/L         | 82.8              | 56.7-128                   |
| OXY Volatiles by 8260                                |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                                |                      | 05/09/2014           | 10                 | µg/L         | 105               | 74.9-126                   |
| TOLUENE-d8   |                      | 05/09/2014           | 10                 | µg/L         | 98.4              | 90.5-117                   |
| <b>Lab Number: 14050495</b>                          |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05062014-JR-MW13S2</b>     |                      |                      |                    |              |                   |                            |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/07/2014  
 Continental File No: 7775  
 Continental Order No: 118489

| <b>Surrogate</b>              | <b>Date Prepared</b> | <b>Date Analyzed</b>                              | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|-------------------------------|----------------------|---|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14050495</b>   |                      | <b>Sample Description: WG-05062014-JR-MW131S2</b> |                    |              |                   |                            |
| Herbicides                    |                      |   |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/12/2014           | 05/22/2014  | 5.0                | µg/L         | 91.2              | 61.3-125                   |
| Herbicides                    |                      |   |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/12/2014           | 05/22/2014  | 5.0                | µg/L         | 91.2              | 61.3-125                   |
| OXY Chlorinated Hyd.          |                      |   |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/09/2014           | 05/13/2014  | 8.0                | µg/L         | 70.2              | 58.6-99.8                  |
| OXY GC/MS Acids               |                      |   |                    |              |                   |                            |
| PHENOL-d6                     | 05/09/2014           | 05/14/2014  | 150                | µg/L         | 33.0              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/09/2014           | 05/14/2014  | 150                | µg/L         | 51.7              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/09/2014           | 05/14/2014  | 150                | µg/L         | 85.1              | 56.7-128                   |
| OXY Volatiles by 8260         |                      |   |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |                      | 05/09/2014  | 10                 | µg/L         | 100.              | 74.9-126                   |
| TOLUENE-d8                    |                      | 05/09/2014  | 10                 | µg/L         | 107               | 90.5-117                   |
| <b>Lab Number: 14050496</b>   |                      | <b>Sample Description: WG-05062014-JR-MW131S3</b> |                    |              |                   |                            |
| Herbicides                    |                      |   |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/12/2014           | 05/22/2014  | 5.0                | µg/L         | 91.3              | 61.3-125                   |
| Herbicides                    |                      |   |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/12/2014           | 05/22/2014  | 5.0                | µg/L         | 91.3              | 61.3-125                   |
| OXY Chlorinated Hyd.          |                      |   |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/09/2014           | 05/13/2014  | 8.0                | µg/L         | 75.6              | 58.6-99.8                  |
| OXY GC/MS Acids               |                      |   |                    |              |                   |                            |
| PHENOL-d6                     | 05/09/2014           | 05/14/2014  | 150                | µg/L         | 32.2              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/09/2014           | 05/14/2014  | 150                | µg/L         | 51.4              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/09/2014           | 05/14/2014  | 150                | µg/L         | 85.3              | 56.7-128                   |
| OXY Volatiles by 8260         |                      |   |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |                      | 05/08/2014  | 10                 | µg/L         | 102               | 74.9-126                   |
| TOLUENE-d8                    |                      | 05/08/2014  | 10                 | µg/L         | 102               | 90.5-117                   |
| <b>Lab Number: 14050497</b>   |                      | <b>Sample Description: WG-05072014-JR-MW11S3A</b> |                    |              |                   |                            |
| Herbicides                    |                      |   |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/12/2014           | 05/22/2014  | 5.0                | µg/L         | 94.0              | 61.3-125                   |
| Herbicides                    |                      |   |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/12/2014           | 05/22/2014  | 5.0                | µg/L         | 94.0              | 61.3-125                   |
| OXY Chlorinated Hyd.          |                      |   |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/09/2014           | 05/13/2014  | 8.0                | µg/L         | 76.2              | 58.6-99.8                  |
| OXY GC/MS Acids               |                      |   |                    |              |                   |                            |
| PHENOL-d6                     | 05/09/2014           | 05/14/2014  | 150                | µg/L         | 31.5              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/09/2014           | 05/14/2014  | 150                | µg/L         | 49.3              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/09/2014           | 05/14/2014  | 150                | µg/L         | 83.4              | 56.7-128                   |
| OXY Volatiles by 8260         |                      |   |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |                      | 05/08/2014  | 10                 | µg/L         | 100.              | 74.9-126                   |
| TOLUENE-d8                    |                      | 05/08/2014  | 10                 | µg/L         | 98.2              | 90.5-117                   |
| <b>Lab Number: 14050498</b>   |                      | <b>Sample Description: WG-05072014-JR-MW11S1</b>  |                    |              |                   |                            |
| Herbicides                    |                      |   |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/12/2014           | 05/22/2014  | 5.0                | µg/L         | 95.4              | 61.3-125                   |
| Herbicides                    |                      |   |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/12/2014           | 05/22/2014  | 5.0                | µg/L         | 95.4              | 61.3-125                   |
| OXY Chlorinated Hyd.          |                      |   |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/09/2014           | 05/13/2014  | 8.0                | µg/L         | 72.7              | 58.6-99.8                  |
| OXY GC/MS Acids               |                      |   |                    |              |                   |                            |
| PHENOL-d6                     | 05/09/2014           | 05/14/2014  | 150                | µg/L         | 33.0              | 22.3-43.0                  |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/07/2014  
 Continental File No: 7775  
 Continental Order No: 118489

| <b>Surrogate</b>                                   | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|--|----------------------|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14050498</b>                        |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05072014-JR-MW11S1</b>   |                      |                      |                    |              |                   |                            |
| OXY GC/MS Acids                                    |                      |                      |                    |              |                   |                            |
| 2-FLUOROPHENOL                                     | 05/09/2014           | 05/14/2014           | 150                | µg/L         | 52.5              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                               | 05/09/2014           | 05/14/2014           | 150                | µg/L         | 88.3              | 56.7-128                   |
| OXY Volatiles by 8260                              |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                              |                      | 05/08/2014           | 10                 | µg/L         | 102               | 74.9-126                   |
| TOLUENE-d8   |                      | 05/08/2014           | 10                 | µg/L         | 98.2              | 90.5-117                   |
| <b>Lab Number: 14050499</b>                        |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05072014-JR-MW13S2S3</b> |                      |                      |                    |              |                   |                            |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                      | 05/12/2014           | 05/22/2014           | 5.0                | µg/L         | 93.9              | 61.3-125                   |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                      | 05/12/2014           | 05/22/2014           | 5.0                | µg/L         | 93.9              | 61.3-125                   |
| OXY Chlorinated Hyd.                               |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                            | 05/09/2014           | 05/13/2014           | 8.0                | µg/L         | 72.7              | 58.6-99.8                  |
| OXY GC/MS Acids                                    |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/09/2014           | 05/14/2014           | 150                | µg/L         | 31.9              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                     | 05/09/2014           | 05/14/2014           | 150                | µg/L         | 51.1              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                               | 05/09/2014           | 05/14/2014           | 150                | µg/L         | 88.3              | 56.7-128                   |
| OXY Volatiles by 8260                              |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                              |                      | 05/08/2014           | 10                 | µg/L         | 103               | 74.9-126                   |
| TOLUENE-d8   |                      | 05/08/2014           | 10                 | µg/L         | 96.6              | 90.5-117                   |
| <b>Lab Number: 14050500</b>                        |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05072014-JR-MW20S1</b>   |                      |                      |                    |              |                   |                            |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                      | 05/12/2014           | 05/22/2014           | 5.0                | µg/L         | 92.3              | 61.3-125                   |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                      | 05/12/2014           | 05/22/2014           | 5.0                | µg/L         | 92.3              | 61.3-125                   |
| OXY Chlorinated Hyd.                               |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                            | 05/09/2014           | 05/13/2014           | 8.0                | µg/L         | 86.4              | 58.6-99.8                  |
| OXY GC/MS Acids                                    |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/09/2014           | 05/14/2014           | 150                | µg/L         | 31.4              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                     | 05/09/2014           | 05/14/2014           | 150                | µg/L         | 51.0              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                               | 05/09/2014           | 05/14/2014           | 150                | µg/L         | 91.0              | 56.7-128                   |
| OXY Volatiles by 8260                              |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                              |                      | 05/08/2014           | 10                 | µg/L         | 109               | 74.9-126                   |
| TOLUENE-d8   |                      | 05/08/2014           | 10                 | µg/L         | 95.8              | 90.5-117                   |
| <b>Lab Number: 14050501</b>                        |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05072014-JR-MW20S3</b>   |                      |                      |                    |              |                   |                            |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                      | 05/12/2014           | 05/22/2014           | 5.0                | µg/L         | 87.3              | 61.3-125                   |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                      | 05/12/2014           | 05/22/2014           | 5.0                | µg/L         | 87.3              | 61.3-125                   |
| OXY Chlorinated Hyd.                               |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                            | 05/13/2014           | 05/19/2014           | 8.0                | µg/L         | 78.1              | 58.6-99.8                  |
| OXY GC/MS Acids                                    |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/09/2014           | 05/14/2014           | 150                | µg/L         | 31.4              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                     | 05/09/2014           | 05/14/2014           | 150                | µg/L         | 50.3              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                               | 05/09/2014           | 05/14/2014           | 150                | µg/L         | 86.8              | 56.7-128                   |
| OXY Volatiles by 8260                              |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                              |                      | 05/08/2014           | 10                 | µg/L         | 113               | 74.9-126                   |
| TOLUENE-d8   |                      | 05/08/2014           | 10                 | µg/L         | 95.7              | 90.5-117                   |
| <b>Lab Number: 14050502</b>                        |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05072014-JR-MW14S2S3</b> |                      |                      |                    |              |                   |                            |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/07/2014  
 Continental File No: 7775  
 Continental Order No: 118489

| <b>Surrogate</b>              | <b>Date Prepared</b>                               | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|-------------------------------|--|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14050502</b>   | <b>Sample Description: WG-05072014-JR-MW14S2S3</b> |                      |                    |              |                   |                            |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/14/2014   | 05/23/2014           | 5.0                | µg/L         | 89.4              | 61.3-125                   |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/14/2014   | 05/23/2014           | 5.0                | µg/L         | 89.4              | 61.3-125                   |
| OXY Chlorinated Hyd.          |  |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/13/2014   | 05/19/2014           | 8.0                | µg/L         | 76.7              | 58.6-99.8                  |
| OXY GC/MS Acids               |  |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/09/2014   | 05/14/2014           | 150                | µg/L         | 31.4              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/09/2014   | 05/14/2014           | 150                | µg/L         | 50.0              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/09/2014   | 05/14/2014           | 150                | µg/L         | 88.6              | 56.7-128                   |
| OXY Volatiles by 8260         |  |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |  | 05/09/2014           | 10                 | µg/L         | 102               | 74.9-126                   |
| TOLUENE-d8                    |  | 05/09/2014           | 10                 | µg/L         | 96.0              | 90.5-117                   |
| <b>Lab Number: 14050503</b>   | <b>Sample Description: TB-05072014-JR</b>          |                      |                    |              |                   |                            |
| OXY Volatiles by 8260         |  |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |  | 05/08/2014           | 10                 | µg/L         | 121               | 74.9-126                   |
| TOLUENE-d8                    |  | 05/08/2014           | 10                 | µg/L         | 96.3              | 90.5-117                   |

Data Qualifiers:

SH - One or more surrogate recoveries for this analysis was above the method or laboratory control limits. The reported sample concentration may be biased high.

**Quality Control Report**  
**Continuing Calibration Report**

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/07/2014  
 Continental File No: 7775  
 Continental Order No: 118489

| <u>Analysis</u>                | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u>                          | <u>Amount Detected</u> | <u>Units</u> | <u>Percent Recovery</u> |
|--------------------------------|-------------------------|----------------------------|--|------------------------|--------------|-------------------------|
| 2,4-Dichlorophenoxyacetic Acid | 05/22/2014              | 1NX5142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 05/22/2014              | 2NX5142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 05/22/2014              | 3NX5142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 05/23/2014              | 4NX5142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 05/22/2014              | 1NX5142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 05/22/2014              | 2NX5142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 05/22/2014              | 3NX5142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 05/23/2014              | 4NX5142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 05/13/2014              | 3EX3132                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 05/13/2014              | 4EX3132                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 05/13/2014              | 5EX3132                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 05/19/2014              | 1EX3139                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 05/19/2014              | 2EX3139                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/08/2014              | 4IC1128                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/08/2014              | 5IC1128                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/08/2014              | 6IC1128                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Hardness (Calculated)          | 05/09/2014              | 10IP4129                   | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Hardness (Calculated)          | 05/09/2014              | 8IP4129                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Hardness (Calculated)          | 05/09/2014              | 9IP4129                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY GC/MS Acids                | 05/13/2014              |                            | CCV recovery acceptable except as qualified below. |                        |              |                         |
| 2,3,4,5-Tetrachlorophenol      | 05/13/2014              | 1MS6133                    | 100  | 107                    | µg/ml        | 107 CE                  |

Samples associated with this Continuing Calibration Verification:

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14050488                 | 1MS6133                 | WG-05062014-AK-MW14S1     |
| 14050489                 | 1MS6133                 | WG-05062014-AK-MW02S1     |
| 14050490                 | 1MS6133                 | WG-05062014-AK-MW02S2     |

| <u>Analysis</u>           | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u>                          | <u>Amount Detected</u> | <u>Units</u> | <u>Percent Recovery</u> |
|---------------------------|-------------------------|----------------------------|--|------------------------|--------------|-------------------------|
| OXY GC/MS Acids           | 05/13/2014              |                            | CCV recovery acceptable except as qualified below. |                        |              |                         |
| 2,3,4,5-Tetrachlorophenol | 05/13/2014              | 2MS6133                    | 100  | 103                    | µg/ml        | 103 CE                  |

Samples associated with this Continuing Calibration Verification:

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14050488                 | 1MS6133                 | WG-05062014-AK-MW14S1     |
| 14050489                 | 1MS6133                 | WG-05062014-AK-MW02S1     |
| 14050490                 | 1MS6133                 | WG-05062014-AK-MW02S2     |
| 14050491                 | 2MS6133                 | WG-05072014-AK-MW22S1     |
| 14050492                 | 2MS6133                 | WG-05072014-AK-MW22S4     |
| 14050493                 | 2MS6133                 | WG-05072014-AK-MW14S3     |
| 14050494                 | 2MS6133                 | WG-05072014-AK-MW141S2/S3 |
| 14050495                 | 2MS6133                 | WG-05062014-JR-MW131S2    |
| 14050496                 | 2MS6133                 | WG-05062014-JR-MW131S3    |
| 14050497                 | 2MS6133                 | WG-05072014-JR-MW11S3A    |

**Quality Control Report  
Continuing Calibration Report**

Page: 47

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/07/2014  
Continental File No: 7775  
Continental Order No: 118489

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14050498                 | 2MS6133                 | WG-05072014-JR-MW11S1     |
| 14050499                 | 2MS6133                 | WG-05072014-JR-MW133S2S3  |
| 14050500                 | 2MS6133                 | WG-05072014-JR-MW20S1     |
| 14050501                 | 2MS6133                 | WG-05072014-JR-MW20S3     |
| 14050502                 | 2MS6133                 | WG-05072014-JR-MW145S2S3  |

| <u>Analysis</u>       | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u>                          | <u>Amount Detected</u> | <u>Units</u> | <u>Percent Recovery</u> |
|-----------------------|-------------------------|----------------------------|--|------------------------|--------------|-------------------------|
| OXY Volatiles by 8260 | 05/08/2014              | 1MS5128                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Volatiles by 8260 | 05/08/2014              | 1MS8128                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Volatiles by 8260 | 05/09/2014              | 1MS8129                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |

Data Qualifiers:

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

- Laboratory Report Conclusion -



**CONESTOGA-ROVERS**  
& ASSOCIATES

Address: 8015 W. BELL MARK AVE., CHICAGO, IL  
Phone: 773-380-9933 Fax:

PAGE 1 OF 2

(See Reverse Side for Instructions)

Project No./Phase/Task Code:  
**O42407/54046**

Project Name:  
**OC C WICHITA**

Project Location:  
**WICHITA, KS**

Chemistry Contact:  
**PAUL McMAHON**

Sampler(s):  
**ANNA KELIN / TERRY RAYE**

Laboratory Name:  
**CONTINENTAL ANALYTICAL**

Lab Location:  
**SALINA, KS**

Lab Quote No.: **351-403-803-300**

Carrier:

Airbill No.: **CAB CARRIER**

Date Shipped: **05/07/2014**

Sample Type:  
**CUTT BAKER**

Container Quantity & Preservation:  
**1**

Analysis Requested (See Back of COC for Definitions):  
**VOC SVOC REST/HERBS CHLORIDE/ARSENES**

Matrix Code (see back of COC):  
**Grab (G) or Comp (C)**

MS/MSD Request:  
**SPECIAL INSTRUCTIONS/COMMITMENTS:**

Unpreserved

Date Shipped:  
**05/07/2014**

Hydrochloric Acid (HCl)

Carrier:  
**CAB CARRIER**

Nitric Acid (HNO<sub>3</sub>)

Other:  
**Total Containers/Sample VOC SVOC REST/HERBS CHLORIDE/ARSENES**

Sulfuric Acid (H<sub>2</sub>SO<sub>4</sub>)

Date Shipped:  
**05/07/2014**

Sodium Hydroxide (NaOH)

Carrier:  
**CAB CARRIER**

Methanol/Water (Soil VOC)

Other:  
**Total Containers/Sample VOC SVOC REST/HERBS CHLORIDE/ARSENES**

EnCores 3x5-g, 1x25-g

Carrier:  
**CAB CARRIER**

Other:

Carrier:  
**CAB CARRIER**

Total Containers/Sample

Carrier:  
**CAB CARRIER**

VOC

Carrier:  
**CAB CARRIER**

SVOC

Carrier:  
**CAB CARRIER**

REST/HERBS

Carrier:  
**CAB CARRIER**

CHLORIDE/ARSENES

Carrier:  
**CAB CARRIER**

1

Carrier:  
**CAB CARRIER**

2

Carrier:  
**CAB CARRIER**

3

Carrier:  
**CAB CARRIER**

4

Carrier:  
**CAB CARRIER**

5

Carrier:  
**CAB CARRIER**

6

Carrier:  
**CAB CARRIER**

7

Carrier:  
**CAB CARRIER**

8

Carrier:  
**CAB CARRIER**

TAT Required in business days (use separate COCs for different TATs):

1 Day  2 Days  3 Days  1 Week  2 Week  Other:

All Samples in Cooler must be on COC

Total Number of Containers:

Notes/ Special Requirements:

| REMOVED BY          | COMPANY | DATE   | TIME  | REMOVED BY          | COMPANY | DATE   | TIME  |
|---------------------|---------|--------|-------|---------------------|---------|--------|-------|
| <i>J. KELIN</i>     | CRA     | 5/7/14 | 13:20 | <i>CRA</i>          | CRA     | 5/7/14 | 15:20 |
| <i>Paul McMahon</i> | CRA     | 5/7/14 | 16:55 | <i>Paul McMahon</i> | CRA     | 5/7/14 | 16:55 |
|                     |         |        | 3.    |                     |         |        |       |

Distribution: WHITE – Fully Executed Copy (CRA) YELLO – Receiving Laboratory Copy

PINK – Shipper

GOLDENROD – Sampling Crew



**CONESTOGA-ROVERS**  
& ASSOCIATES

**CHAIN OF CUSTODY RECORD ORDER NO. 134806**

Address:

8615 W. Bryn Mawr Ave., Chicago,

Phone: 273-380-7733 Fax:

(See Reverse Side for Instructions)

PAGE 2 OF 2

Project No./Phase/Task Code:

042407/54046

Project Name:

Oxy Witch, Jr.

Project Location:

KS

Chemistry Contact:

Dick McMahon

Sampler(s):

Jeremy Raye Andrew Kren

|  |  |   |                                   |             |   |  |                             |                                    |   |
|--|--|---|-----------------------------------|-------------|---|--|-----------------------------|------------------------------------|---|
| SAMPLE IDENTIFICATION<br><small>(Container to each sample may be combined on one line)</small> |  | DATE<br><small>(immediately after collection)</small> | TIME<br><small>(hh:mm:ss)</small> | SAMPLE TYPE | CONTAINER QUANTITY & PRESERVATION   | ANALYSIS REQUESTED<br><small>(See Back of COC for Definitions)</small> | Lab Location:<br>Sedina, KS | Lab Quote No.:<br>J51-A02-N08-3100 | Carrier:<br>Airbill No.:<br>Cooler No.:<br>50 |
| 1 TB-0507-2014-JR  |  | 5/7/14  | 13:05:00                          | 3           | Matrix Code<br>(see back of COC)<br>Grab (G) or Comp (C)<br><br>Unpreserved<br>Hydrochloric Acid (HCl)<br>Nitric Acid (HNO <sub>3</sub> )<br>Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> )<br>Sodium Hydroxide (NaOH)<br>Methanol/Water (Soil VOC)<br>EnCores 3x5-g, 1x25-g<br>Other:<br><br>Total Containers/Sample<br>3 VOC | SSOW ID:<br>J51-A02-N08-3100   |                             |                                    |   |
| 2  |  |   |                                   |             |   |  |                             |                                    |   |
| 3  |  |   |                                   |             |   |  |                             |                                    |   |
| 4  |  |   |                                   |             |   |  |                             |                                    |   |
| 5  |  |   |                                   |             |   |  |                             |                                    |   |
| 6  |  |   |                                   |             |   |  |                             |                                    |   |
| 7  |  |   |                                   |             |   |  |                             |                                    |   |
| 8  |  |   |                                   |             |   |  |                             |                                    |   |
| 9  |  |   |                                   |             |   |  |                             |                                    |   |
| 10   |  |   |                                   |             |   |  |                             |                                    |   |
| 11   |  |   |                                   |             |   |  |                             |                                    |   |
| 12   |  |   |                                   |             |   |  |                             |                                    |   |
| 13   |  |   |                                   |             |   |  |                             |                                    |   |
| 14   |  |   |                                   |             |   |  |                             |                                    |   |
| 15   |  |   |                                   |             |   |  |                             |                                    |   |

TAT Required in business days (use separate COCs for different TATs):

1 Day    2 Days    3 Days    1 Week    2 Week    Other:

REMOVED BY:

COMPANY:

DATE:

TIME:

RECEIVED BY:

COMPANY:

DATE:

TIME:

RECEIVED BY:

COMPANY:

DATE:

TIME:

Total Number of Containers: 103 Notes/ Special Requirements:  
All Samples in Cooler must be on COC

1. *J. R. Kren* CRA 5/7/14 15:20 1. *John S.* OFF 5/7/14 15:20  
2. *John S.* CRA 5/7/14 16:55 2. *John S.* CAR 5/7/14 16:55  
3. *John S.* CRA 5/7/14 17:00 3. *John S.* CAR 5/7/14 17:00

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT - ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE - Fully Executed Copy (CRA)      YELLOW - Receiving Laboratory Copy      PINK - Shipper      GOLDENROD - Sampling Crew

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

118489

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: 51252

51251

MW 1153A

HW 1151

MW 1153A

1-LA

1-LA

4LA 2508

3-2A 2508

Cooler 1 of 1 for this CAS Order No.

Cooler Identification: CAS Cooler #: 4007 / Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: 5/17/19 16:55

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice ice Melted Ice bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 1.8 Corrected Reading (°C) 1.9

*mm*  
*5-17-19*

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 514 Thermo. Correction Factor (°C): 0.1

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:        | <input type="checkbox"/> Sample excluded from Chain of Custody  |
| Cover Letter <input type="checkbox"/> Container <input type="checkbox"/>               | <input type="checkbox"/> Sample listed on Chain of Custody, not received  |
| PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/>                    | <input type="checkbox"/> Sample identification on container and Chain of Custody do not agree   |
| <input type="checkbox"/> Container label absent  | <input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]                | <input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.] |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.) | <input type="checkbox"/> Broken or leaking containers (detail actions below)  |
| <input type="checkbox"/> Date or Time sampled obtained from container label            | <input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate   |
| <input type="checkbox"/> Chain of Custody missing sampler's name                       | <input type="checkbox"/> Other discrepancies: _____   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)                 |   |
| <input type="checkbox"/> Missing relinquished information: signature date time         |   |

Detail to discrepancies/comments:

Completed by: mw Date Completed: 5-17-19

**Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.: 118489

Client Name: OX

CAS File No.: 7775

Sample ID's in cooler: 51c 502

251  
4 LA 250x

252  
4 LA 250p

1491  
4 LA 250p

Cooler 2 of 7 for this CAS Order No.

Cooler Identification: CAS Cooler #: 4011 / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 5/7/14 16:55

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice / Melted Ice Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 0.9 Corrected Reading (°C) 1.5

*5-7-14*

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:        | <input type="checkbox"/> Sample excluded from Chain of Custody  |
| Cover Letter <input type="checkbox"/> Container <input type="checkbox"/>               | <input type="checkbox"/> Sample listed on Chain of Custody, not received  |
| PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/>                    | <input type="checkbox"/> Sample identification on container and Chain of Custody do not agree   |
| <input type="checkbox"/> Container label absent  | <input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]                | <input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.] |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.) | <input type="checkbox"/> Broken or leaking containers (detail actions below)  |
| <input type="checkbox"/> Date or Time sampled obtained from container label            | <input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate   |
| <input type="checkbox"/> Chain of Custody missing sampler's name                       | <input type="checkbox"/> Other discrepancies: _____   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)                 |   |
| <input type="checkbox"/> Missing relinquished information: signature date time         |   |

Detail to discrepancies/comments:

Completed by: Mur

Date Completed: 5-8-14

**Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

118489

Client Name: OX

CAS File No.:

7725

Sample ID's in cooler: 51e602

MW 2051  
4-LA 2508

MW 133 253  
4-LA 2508

Cooler 3 of 7 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3268 / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 5/7/14 16:55

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No /CNA

Type of Packing Material: Blue Ice Ice Melted Ice Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 1.4 Corrected Reading (°C) 1.5

*mmw*  
*5-7-14* Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 55y Thermo. Correction Factor (°C): 0.1

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:        | <input type="checkbox"/> Sample excluded from Chain of Custody                                |
| Cover Letter <input type="checkbox"/> Container <input type="checkbox"/>               | <input type="checkbox"/> Sample listed on Chain of Custody, not received                      |
| PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/>                    | <input type="checkbox"/> Sample identification on container and Chain of Custody do not agree |
| <input type="checkbox"/> Container label absent  | <input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm] |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]                | <input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement                 |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.) | [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]                              |
| <input type="checkbox"/> Date or Time sampled obtained from container label            | <input type="checkbox"/> Broken or leaking containers (detail actions below)                  |
| <input type="checkbox"/> Chain of Custody missing sampler's name                       | <input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)                 | <input type="checkbox"/> Other discrepancies: _____   |
| <input type="checkbox"/> Missing relinquished information: signature date time         | _____   |

Detail to discrepancies/comments:

Completed by: MW Date Completed: 5-8-14

**Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

118489

Client Name: OXX

CAS File No.:

7775

Sample ID's in cooler: 51c502

MW141 32/53

MU2251

3-2A

1-6A

Cooler 4 of 7 for this CAS Order No.

Cooler Identification: CAS Cooler #: 0658 / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 5/7/14 16:55

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice / Melted Ice Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 1.7 Corrected Reading (°C) 2.3

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 58 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

Chain of Custody not present - information taken from:

Cover Letter  Container   
PO  CAS Proj. Mgr.

Sample excluded from Chain of Custody

Sample listed on Chain of Custody, not received

Sample identification on container and Chain of Custody do not agree

Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]

Cooler temperature exceeded 0.1 - 6.0 °C requirement

[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]

Broken or leaking containers (detail actions below)

Sample container type or labeled chemical preservation inappropriate

Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: MW

Date Completed: 5-8-14

Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )

CAS Order No.:

118489

Client Name: 0xx

CAS File No.: 7775

Sample ID's in cooler: 51c502

MW145253

MW2053

YLA 2503

YLA 2503

YLA 2503

YLA 2503

Cooler 5 of 7 for this CAS Order No.

Cooler Identification: CAS Cooler #: 4010 / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 5/7/14 16:55

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice / Melted Ice Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 4.9 Corrected Reading (°C) 5.0

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 554 Thermo. Correction Factor (°C): 0.0

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:<br>Cover Letter <input type="checkbox"/> Container <input type="checkbox"/><br>PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/> | <input type="checkbox"/> Sample excluded from Chain of Custody<br><input type="checkbox"/> Sample listed on Chain of Custody, not received<br><input type="checkbox"/> Sample identification on container and Chain of Custody do not agree<br><input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]<br><input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]<br><input type="checkbox"/> Broken or leaking containers (detail actions below)<br><input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate<br><input type="checkbox"/> Other discrepancies: _____ |
| <input type="checkbox"/> Container label absent  |   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]  |   |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.)   |   |
| <input type="checkbox"/> Date or Time sampled obtained from container label  |   |
| <input type="checkbox"/> Chain of Custody missing sampler's name   |   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)   |   |
| <input type="checkbox"/> Missing relinquished information: signature date time   |   |

Detail to discrepancies/comments:

Completed by: mwy Date Completed: 5-8-14

Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )

CAS Order No.:

118489

Client Name: 0xx

CAS File No.:

7775

Sample ID's in cooler: 51-502

2254

2251

14152153

1453

4LA 250g

3LA 250g

LA 250g

4LA 250g

Cooler 6 of 7 for this CAS Order No.

Cooler Identification: CAS Cooler #: 4006 / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 5/7/19 16:55

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice / Melted Ice Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 2.2 Corrected Reading (°C) 2.8

*mmw*  
*5-7-19* Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

Chain of Custody not present - information taken from:

Cover Letter  Container   
PO  CAS Proj. Mgr.

Sample excluded from Chain of Custody

Sample listed on Chain of Custody, not received

Sample identification on container and Chain of Custody do not agree

Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]

Cooler temperature exceeded 0.1 - 6.0 °C requirement  
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]

Broken or leaking containers (detail actions below)

Sample container type or labeled chemical preservation inappropriate

Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: mmw Date Completed: 5-8-19

**Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

118489

Client Name: OX

CAS File No.:

7775

Sample ID's in cooler: 51e 602

VOC'S MW 13153 MW 13152  
4LA 250D 4LA 250E

Cooler 7 of 7 for this CAS Order No.

Cooler Identification: CAS Cooler #: 4009 / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 5/7/14 16:55

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice / Melted Ice Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 1.4 Corrected Reading (°C) 1.5

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 509 Thermo. Correction Factor (°C): 0.0

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

Chain of Custody not present - information taken from:

Cover Letter  Container   
PO  CAS Proj. Mgr.

Sample excluded from Chain of Custody

Sample listed on Chain of Custody, not received

Container label absent

Sample identification on container and Chain of Custody do not agree

Chain of Custody incomplete [see detail below]

Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]

Chain of Custody missing date/time sampled (excl. TB or Dup.)

Cooler temperature exceeded 0.1 - 6.0 °C requirement

[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]

Date or Time sampled obtained from container label

Broken or leaking containers (detail actions below)

Chain of Custody missing sampler's name

Sample container type or labeled chemical preservation inappropriate

Chain of Custody missing matrix (sample type)

Other discrepancies: \_\_\_\_\_

Missing relinquished information: signature date time

Detail to discrepancies/comments:

Completed by: MW

Date Completed: 5-8-14

06/02/2014

Page: 1

Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date and Time Received: 05/09/2014 1425  
 Continental File No.: 7775  
 Continental Order No.: 118559  
 Purchase Auth: GSH00009; CRA#42407

Dear Ms. Blair:

This laboratory report, containing the samples indicated below, includes 69 pages for the analytical report, 2 page(s) for the chain of custody and/or analysis request, and 13 page(s) for the sample receipt form.

| <u>CAS LAB ID #</u> | <u>SAMPLE DESCRIPTION</u> | <u>SAMPLE TYPE</u> | <u>DATE SAMPLED</u> |
|---------------------|---------------------------|--------------------|---------------------|
| 14050780            | WG-05082014-AK-AMW107S    | Liquid             | 5/8/2014            |
| 14050781            | WG-05082014-AK-AMW5S      | Liquid             | 5/8/2014            |
| 14050782            | WG-05082014-AK-AMW5D      | Liquid             | 5/8/2014            |
| 14050783            | WG-05082014-AK-MW140S1    | Liquid             | 5/8/2014            |
| 14050784            | WG-05082014-AK-MW03S1     | Liquid             | 5/8/2014            |
| 14050785            | WG-05082014-AK-MW13S1     | Liquid             | 5/8/2014            |
| 14050786            | WG-05082014-AK-MW13S3     | Liquid             | 5/8/2014            |
| 14050787            | WG-05082014-AK-FD2        | Liquid             | 5/8/2014            |
| 14050788            | WG-05072014-JR-MW144S2S3  | Liquid             | 5/7/2014            |
| 14050789            | WG-05082014-JR-MW132S2S3  | Liquid             | 5/8/2014            |
| 14050790            | WG-05082014-JR-MW132S1    | Liquid             | 5/8/2014            |
| 14050791            | WG-05082014-JR-MW31S1     | Liquid             | 5/8/2014            |
| 14050792            | WG-05082014-JR-MW32S1     | Liquid             | 5/8/2014            |
| 14050793            | WG-05082014-JR-MW10S2     | Liquid             | 5/8/2014            |
| 14050794            | WG-05082014-JR-MW10S1     | Liquid             | 5/8/2014            |
| 14050795            | WG-05082014-JR-MW10S3     | Liquid             | 5/8/2014            |
| 14050796            | WG-05072014-AK-AMW107D    | Liquid             | 5/7/2014            |
| 14050797            | WG-05092014-AK-MW15S4     | Liquid             | 5/9/2014            |
| 14050798            | WG-05092014-AK-MW16S4R    | Liquid             | 5/9/2014            |
| 14050799            | WG-05092014-AK-MW16S1A    | Liquid             | 5/9/2014            |
| 14050800            | WG-05092014-JR-MW28S3     | Liquid             | 5/9/2014            |
| 14050801            | WG-05092014-JR-FD3        | Liquid             | 5/9/2014            |
| 14050802            | WG-05092014-JR-MW28S2     | Liquid             | 5/9/2014            |
| 14050803            | WG-05092014-JR-MW28S1     | Liquid             | 5/9/2014            |
| 14050804            | TB-05092014-JR            | Liquid             | 5/9/2014            |

This report was reissued on 06/02/2014 to append the cooler receipt forms. Please replace the previous report with this revision.

The Appendix and Quality Control sections are integral parts of this laboratory report and may contain important data qualifiers.

All results are reported on a wet weight basis unless otherwise stated.



525 N. Eighth St. - Salina, KS 67401  
 785-827-1273 800-535-3076 Fax 785-823-7830  
 KDHE Environmental Laboratory Accreditation No. E-10146



06/02/2014

Page: 2

Samples will be retained for thirty days unless Continental is otherwise notified.

Continental is accredited by the State of Kansas through the National Environmental Laboratory Accreditation Program (NELAP). The results contained in this report were obtained using Continental's Standard Operating Procedures. These procedures are in substantial compliance with the approved methods referenced and the standards published by NELAP unless otherwise noted in the Appendix and Quality Control sections of this report.

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Thank you for choosing Continental for this project.

CONTINENTAL ANALYTICAL SERVICES, INC.



Clifford J. Baker  
Technical Manager



525 N. Eighth St. - Salina, KS 67401  
785-827-1273 800-535-3076 Fax 785-823-7830  
KDHE Environmental Laboratory Accreditation No. E-10146



## Sample Results

Page: 3

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

Lab Number: 14050780

Sample Description: WG-05082014-AK-AMW107S

Date Sampled: 05/08/2014  
 Time Sampled: 0850

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/20          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/20          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/24          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/24          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/24          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/24          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/24          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/24          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/24          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/333         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Carbon tetrachloride           | 0.7                       | µg/L                      | 7348/245         |                    |                |                  |
| Chloroform                     | 0.9                       | µg/L                      | 7348/245         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Hardness (Calculated)          | 345                       | mg/L as CaCO <sub>3</sub> | 7157/879         |                    |                |                  |
| Chloride                       | 65                        | mg/L                      | 7276/277         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/14/14 1030             | 05/23/14 0425             | 140514-2         | 3NX5142            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

Page: 4

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/14/14 1030             | 05/23/14 0425             | 140514-2        | 3NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/13/14 1610             | 05/19/14 1459             | 140513-6        | 1EX3139            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/14/14 0800             | 05/20/14 0943             | 140514-1        | 1MS6140            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/12/14 1510             | 1MS5132         | 1MS5132            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/13/14 0941             | 05/15/14 1804             | 140513-3        | 4IP4135            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/13/14 1904             | IIC1133         | 3IC1133            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050780

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## Sample Results

Page: 5

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

Lab Number: 14050781

Sample Description: WG-05082014-AK-AMW5S

Date Sampled: 05/08/2014  
 Time Sampled: 0935

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/20          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/20          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/24          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/24          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/24          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/24          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/24          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/24          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/24          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/333         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Carbon tetrachloride           | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Chloroform                     | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Hardness (Calculated)          | 405                       | mg/L as CaCO <sub>3</sub> | 7157/879         |                    |                |                  |
| Chloride                       | 106                       | mg/L                      | 7276/277         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/14/14 1030             | 05/23/14 0505             | 140514-2         | 3NX5142            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/14/14 1030             | 05/23/14 0505             | 140514-2        | 3NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/13/14 1610             | 05/19/14 1541             | 140513-6        | 1EX3139            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/14/14 0800             | 05/20/14 1027             | 140514-1        | 1MS6140            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/12/14 1535             | 1MS5132         | 1MS5132            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/13/14 0941             | 05/15/14 1809             | 140513-3        | 4IP4135            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/13/14 1953             | IIC1133         | 4IC1133            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050781

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

Lab Number: 14050782

Sample Description: WG-05082014-AK-AMW5D

Date Sampled: 05/08/2014  
 Time Sampled: 1010

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/20          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/20          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/24          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/24          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/24          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/24          |                    |                |                  |
| Hexachlorobutadiene            | 0.02                      | µg/L                      | 7409/24          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/24          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/24          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/333         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| 1,2-Dichloroethane             | 1.7                       | µg/L                      | 7348/245         |                    |                |                  |
| Benzene                        | 2.0                       | µg/L                      | 7348/245         |                    |                |                  |
| Carbon tetrachloride           | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Chloroform                     | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Vinyl chloride                 | 24.9                      | µg/L                      | 7348/245         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Hardness (Calculated)          | 343                       | mg/L as CaCO <sub>3</sub> | 7157/879         |                    |                |                  |
| Chloride                       | 131                       | mg/L                      | 7276/277         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/14/14 1030             | 05/23/14 0544             | 140514-2         | 3NX5142            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/14/14 1030             | 05/23/14 0544             | 140514-2        | 3NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/13/14 1610             | 05/19/14 1623             | 140513-6        | 1EX3139            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/14/14 0800             | 05/20/14 1112             | 140514-1        | 1MS6140            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/12/14 1601             | 1MS5132         | 1MS5132            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/13/14 0941             | 05/15/14 1813             | 140513-3        | 4IP4135            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/13/14 2005             | IIC1133         | 4IC1133            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050782

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## Sample Results

Page: 9

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

Lab Number: 14050783

Sample Description: WG-05082014-AK-MW140S1

Date Sampled: 05/08/2014  
 Time Sampled: 1130

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/20          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/20          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/24          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/24          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/24          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/24          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/24          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/24          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/24          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/333         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/333         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/333         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/333         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/333         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/333         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/333         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/333         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/333         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/245         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/245         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/245         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7348/245         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7348/245         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/245         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/245         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/245         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/245         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/245         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/245         |
| Hardness (Calculated)          | 250.                 | mg/L as CaCO <sub>3</sub> | 7157/879         |
| Chloride                       | 16.8                 | mg/L                      | 7276/277         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/14/14 1030             | 05/23/14 0623             | 140514-2        | 3NX5142            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

Page: 10

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/14/14 1030             | 05/23/14 0623             | 140514-2        | 3NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/13/14 1610             | 05/19/14 1705             | 140513-6        | 1EX3139            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/14/14 0800             | 05/20/14 1157             | 140514-1        | 1MS6140            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/12/14 1627             | 1MS5132         | 1MS5132            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/13/14 0941             | 05/15/14 1817             | 140513-3        | 4IP4135            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/13/14 2017             | IIC1133         | 4IC1133            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050783

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## Sample Results

Page: 11

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

Lab Number: 14050784

Sample Description: WG-05082014-AK-MW03S1

Date Sampled: 05/08/2014  
 Time Sampled: 1225

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/20          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/20          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | 2.41                      | µg/L                      | 7409/24          |                    |                |                  |
| B-BHC                          | 0.421                     | µg/L                      | 7409/24          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/24          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/24          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/24          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/24          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/24          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/333         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Carbon tetrachloride           | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Chloroform                     | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Vinyl chloride                 | 2.9                       | µg/L                      | 7348/245         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Hardness (Calculated)          | 209                       | mg/L as CaCO <sub>3</sub> | 7157/879         |                    |                |                  |
| Chloride                       | 35.9                      | mg/L                      | 7276/277         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/14/14 1030             | 05/23/14 0741             | 140514-2         | 4NX5142            | LPL            | 8151A(M)         |

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## Sample Results

Page: 12

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/14/14 1030             | 05/23/14 0741             | 140514-2        | 4NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/13/14 1610             | 05/19/14 1747             | 140513-6        | 1EX3139            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/14/14 0800             | 05/20/14 1242             | 140514-1        | 1MS6140            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/12/14 1653             | 1MS5132         | 1MS5132            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/13/14 0941             | 05/15/14 1821             | 140513-3        | 4IP4135            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/13/14 2030             | IIC1133         | 4IC1133            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050784

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## Sample Results

Page: 13

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

Lab Number: 14050785

Sample Description: WG-05082014-AK-MW13S1

Date Sampled: 05/08/2014  
 Time Sampled: 1520

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/20          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/20          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/24          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/24          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/24          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/24          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/24          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/24          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/24          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/333         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/333         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/333         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/333         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/333         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/333         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/333         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/333         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/333         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/245         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/245         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/245         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7348/245         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7348/245         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/245         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/245         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/245         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/245         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/245         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/245         |
| Hardness (Calculated)          | 353                  | mg/L as CaCO <sub>3</sub> | 7157/879         |
| Chloride                       | 30.5                 | mg/L                      | 7276/277         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/14/14 1030             | 05/23/14 0821             | 140514-2        | 4NX5142            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/14/14 1030             | 05/23/14 0821             | 140514-2        | 4NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/13/14 1610             | 05/19/14 1953             | 140513-6        | 2EX3139            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/14/14 0800             | 05/20/14 1327             | 140514-1        | 1MS6140            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/12/14 1719             | 1MS5132         | 1MS5132            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/13/14 0941             | 05/15/14 1825             | 140513-3        | 4IP4135            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/13/14 2220             | IIC1133         | 5IC1133            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050785

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

Lab Number: 14050786

Sample Description: WG-05082014-AK-MW13S3

Date Sampled: 05/08/2014  
 Time Sampled: 1610

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/20          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/20          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/24          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/24          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/24          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/24          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/24          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/24          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/24          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/333         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/333         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Carbon tetrachloride           | 1.2                       | µg/L                      | 7348/245         |                    |                |                  |
| Chloroform                     | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Hardness (Calculated)          | 197                       | mg/L as CaCO <sub>3</sub> | 7157/879         |                    |                |                  |
| Chloride                       | 62                        | mg/L                      | 7276/278         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/14/14 1030             | 05/23/14 0900             | 140514-2         | 4NX5142            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/14/14 1030             | 05/23/14 0900             | 140514-2        | 4NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/13/14 1610             | 05/19/14 2036             | 140513-6        | 2EX3139            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/14/14 0800             | 05/20/14 1412             | 140514-1        | 1MS6140            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/12/14 1744             | 1MS5132         | 1MS5132            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/13/14 0941             | 05/15/14 1829             | 140513-3        | 4IP4135            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/14/14 2027             | IIC1134         | 3IC1134            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050786

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## Sample Results

Page: 17

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

Lab Number: 14050787  
 Sample Description: WG-05082014-AK-FD2

Date Sampled: 05/08/2014  
 Time Sampled: 0000

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/20          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/20          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/24          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/24          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/24          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/24          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/24          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/24          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/24          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/333         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/333         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/333         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/333         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/333         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/333         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/333         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/333         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/333         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/245         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/245         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/245         |
| Carbon tetrachloride           | 0.8                  | µg/L                      | 7348/245         |
| Chloroform                     | 1.0                  | µg/L                      | 7348/245         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/245         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/245         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/245         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/245         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/245         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/245         |
| Hardness (Calculated)          | 340.                 | mg/L as CaCO <sub>3</sub> | 7157/879         |
| Chloride                       | 66                   | mg/L                      | 7276/278         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/14/14 1030             | 05/23/14 0939             | 140514-2        | 4NX5142            | LPL            | 8151A(M)         |

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## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/14/14 1030             | 05/23/14 0939             | 140514-2        | 4NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/13/14 1610             | 05/19/14 2118             | 140513-6        | 2EX3139            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/14/14 0800             | 05/20/14 1458             | 140514-1        | 1MS6140            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/12/14 1810             | 1MS5132         | 1MS5132            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/13/14 0941             | 05/15/14 1842             | 140513-3        | 5IP4135            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/14/14 2039             | IIC1134         | 3IC1134            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050787

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## Sample Results

Page: 19

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

Lab Number: 14050788

Sample Description: WG-05072014-JR-MW144S2S3

Date Sampled: 05/07/2014  
 Time Sampled: 1645

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/20          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/20          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/24          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/24          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/24          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/24          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/24          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/24          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/24          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/334         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/334         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/334         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/334         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/334         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/334         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/334         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/334         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/334         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Carbon tetrachloride           | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Chloroform                     | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Hardness (Calculated)          | 233                       | mg/L as CaCO <sub>3</sub> | 7157/879         |                    |                |                  |
| Chloride                       | 33.2                      | mg/L                      | 7276/277         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/14/14 1030             | 05/23/14 1018             | 140514-2         | 4NX5142            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/14/14 1030             | 05/23/14 1018             | 140514-2        | 4NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/13/14 1610             | 05/19/14 2200             | 140513-6        | 2EX3139            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/14/14 0800             | 05/21/14 0914             | 140514-1        | 1MS6141            | JMM            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/12/14 1836             | 1MS5132         | 1MS5132            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/13/14 0941             | 05/15/14 1846             | 140513-3        | 5IP4135            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/14/14 0136             | 2IC1133         | 6IC1133            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050788

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## Sample Results

Page: 21

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

Lab Number: 14050789

Sample Description: WG-05082014-JR-MW132S2S3

Date Sampled: 05/08/2014  
 Time Sampled: 0855

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/20          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/20          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/24          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/24          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/24          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/24          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/24          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/24          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/24          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/333         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/333         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/333         |
| 2,5-Dichlorophenol             | ND(5.0) QC           | µg/L                      | 7326/333         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/333         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/333         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/333         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/333         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/333         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/245         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/245         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/245         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7348/245         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7348/245         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/245         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/245         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/245         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/245         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/245         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/245         |
| Hardness (Calculated)          | 212                  | mg/L as CaCO <sub>3</sub> | 7157/879         |
| Chloride                       | 10.5                 | mg/L                      | 7276/277         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/12/14 1230             | 05/23/14 0031             | 140512-2        | 3NX5142            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/12/14 1230             | 05/23/14 0031             | 140512-2        | 3NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/13/14 1610             | 05/19/14 2242             | 140513-6        | 2EX3139            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/14/14 0800             | 05/20/14 1543             | 140514-1        | 1MS6140            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/12/14 1902             | 1MS5132         | 1MS5132            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/13/14 0941             | 05/15/14 1850             | 140513-3        | 5IP4135            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/14/14 0148             | 2IC1133         | 6IC1133            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050789

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

Lab Number: 14050790

Sample Description: WG-05082014-JR-MW132S1

Date Sampled: 05/08/2014  
 Time Sampled: 0945

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/20          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/20          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/24          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/24          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/24          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/24          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/24          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/24          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/24          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/334         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/334         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/334         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/334         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/334         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/334         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/334         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/334         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/334         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Carbon tetrachloride           | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Chloroform                     | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7348/245         |                    |                |                  |
| Hardness (Calculated)          | 264                       | mg/L as CaCO <sub>3</sub> | 7157/879         |                    |                |                  |
| Chloride                       | 53                        | mg/L                      | 7276/278         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/14/14 1030             | 05/23/14 1057             | 140514-2         | 4NX5142            | LPL            | 8151A(M)         |

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## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/14/14 1030             | 05/23/14 1057             | 140514-2        | 4NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/13/14 1610             | 05/20/14 0048             | 140513-6        | 2EX3139            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/14/14 0800             | 05/21/14 0959             | 140514-1        | 1MS6141            | JMM            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/12/14 2019             | 1MS5132         | 1MS5132            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/13/14 1102             | 05/15/14 1915             | 140513-4        | 5IP4135            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/14/14 2051             | IIC1134         | 3IC1134            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050790

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

Lab Number: 14050791  
 Sample Description: WG-05082014-JR-MW31S1

Date Sampled: 05/08/2014  
 Time Sampled: 1045

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/20          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/20          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | 0.039 B              | µg/L                      | 7409/24          |
| B-BHC                          | 0.260                | µg/L                      | 7409/24          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/24          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/24          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/24          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/24          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/24          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/334         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/334         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/334         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/334         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/334         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(2)                | µg/L                      | 7348/245         |
| 1,2-Dichloroethane             | ND(2)                | µg/L                      | 7348/245         |
| Benzene                        | ND(2)                | µg/L                      | 7348/245         |
| Carbon tetrachloride           | 175                  | µg/L                      | 7348/245         |
| Chloroform                     | 9.6                  | µg/L                      | 7348/245         |
| Chloromethane                  | ND(2)                | µg/L                      | 7348/245         |
| Methylene chloride             | ND(2)                | µg/L                      | 7348/245         |
| Tetrachloroethylene            | ND(2)                | µg/L                      | 7348/245         |
| Trichloroethylene              | ND(2)                | µg/L                      | 7348/245         |
| Vinyl chloride                 | ND(2)                | µg/L                      | 7348/245         |
| 1,2-Dichloropropane            | ND(2)                | µg/L                      | 7348/245         |
| Hardness (Calculated)          | 324                  | mg/L as CaCO <sub>3</sub> | 7157/879         |
| Chloride                       | 249                  | mg/L                      | 7276/277         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/14/14 1030             | 05/23/14 1136             | 140514-2        | 4NX5142            | LPL            | 8151A(M)         |

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## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/14/14 1030             | 05/23/14 1136             | 140514-2        | 4NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/13/14 1610             | 05/20/14 0129             | 140513-6        | 2EX3139            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/14/14 0800             | 05/21/14 1043             | 140514-1        | 1MS6141            | JMM            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/12/14 2045             | 1MS5132         | 1MS5132            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/13/14 1102             | 05/15/14 1919             | 140513-4        | 5IP4135            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/14/14 0314             | 2IC1133         | 7IC1133            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050791

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

Lab Number: 14050792  
 Sample Description: WG-05082014-JR-MW32S1

Date Sampled: 05/08/2014  
 Time Sampled: 1200

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/20          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/20          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | 0.036 B              | µg/L                      | 7409/24          |
| B-BHC                          | 0.632                | µg/L                      | 7409/24          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/24          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/24          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/24          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/24          |
| D-BHC                          | 0.06                 | µg/L                      | 7409/24          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/334         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/334         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/334         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/334         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/334         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/245         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/245         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/245         |
| Carbon tetrachloride           | 4.1                  | µg/L                      | 7348/245         |
| Chloroform                     | 16.9                 | µg/L                      | 7348/245         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/245         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/245         |
| Tetrachloroethylene            | 5.7                  | µg/L                      | 7348/245         |
| Trichloroethylene              | 5.8                  | µg/L                      | 7348/245         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/245         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/245         |
| Hardness (Calculated)          | 1060                 | mg/L as CaCO <sub>3</sub> | 7157/879         |
| Chloride                       | 1090                 | mg/L                      | 7276/277         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/14/14 1030             | 05/23/14 1216             | 140514-2        | 4NX5142            | LPL            | 8151A(M)         |

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## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/14/14 1030             | 05/23/14 1216             | 140514-2        | 4NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/13/14 1610             | 05/20/14 0335             | 140513-6        | 3EX3139            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/14/14 0800             | 05/21/14 1128             | 140514-1        | 1MS6141            | JMM            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/12/14 2111             | 1MS5132         | 1MS5132            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/13/14 1102             | 05/15/14 1932             | 140513-4        | 6IP4135            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/14/14 0326             | 2IC1133         | 7IC1133            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050792

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

Lab Number: 14050793  
 Sample Description: WG-05082014-JR-MW10S2

Date Sampled: 05/08/2014  
 Time Sampled: 1405

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/20          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/20          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/24          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/24          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/24          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/24          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/24          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/24          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/24          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/334         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/334         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/334         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/334         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/334         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/245         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/245         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/245         |
| Carbon tetrachloride           | 32.5                 | µg/L                      | 7348/245         |
| Chloroform                     | 2.3                  | µg/L                      | 7348/245         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/245         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/245         |
| Tetrachloroethylene            | 2.0                  | µg/L                      | 7348/245         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/245         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/245         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/245         |
| Hardness (Calculated)          | 330.                 | mg/L as CaCO <sub>3</sub> | 7157/879         |
| Chloride                       | 117                  | mg/L                      | 7276/277         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/14/14 1030             | 05/23/14 1255             | 140514-2        | 4NX5142            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/14/14 1030             | 05/23/14 1255             | 140514-2        | 4NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/13/14 1610             | 05/20/14 0417             | 140513-6        | 3EX3139            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/14/14 0800             | 05/21/14 1212             | 140514-1        | 1MS6141            | JMM            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/12/14 2137             | 1MS5132         | 1MS5132            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/13/14 1102             | 05/15/14 1936             | 140513-4        | 6IP4135            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/14/14 0338             | 2IC1133         | 7IC1133            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050793

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

Lab Number: 14050794

Sample Description: WG-05082014-JR-MW10S1

Date Sampled: 05/08/2014  
 Time Sampled: 1455

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/20          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/20          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/24          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/24          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/24          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/24          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/24          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/24          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/24          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/334         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/334         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/334         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/334         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/334         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/245         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/245         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/245         |
| Carbon tetrachloride           | 2.4                  | µg/L                      | 7348/245         |
| Chloroform                     | 3.7                  | µg/L                      | 7348/245         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/245         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/245         |
| Tetrachloroethylene            | 1.0                  | µg/L                      | 7348/245         |
| Trichloroethylene              | 0.8                  | µg/L                      | 7348/245         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/245         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/245         |
| Hardness (Calculated)          | 421                  | mg/L as CaCO <sub>3</sub> | 7157/879         |
| Chloride                       | 203                  | mg/L                      | 7276/277         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/14/14 1030             | 05/23/14 1334             | 140514-2        | 4NX5142            | LPL            | 8151A(M)         |

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## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/14/14 1030             | 05/23/14 1334             | 140514-2        | 4NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/13/14 1610             | 05/20/14 0459             | 140513-6        | 3EX3139            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/14/14 0800             | 05/21/14 1257             | 140514-1        | 1MS6141            | JMM            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/12/14 2202             | 1MS5132         | 1MS5132            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/13/14 1102             | 05/15/14 1940             | 140513-4        | 6IP4135            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/14/14 0351             | 2IC1133         | 7IC1133            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050794

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

Lab Number: 14050795  
 Sample Description: WG-05082014-JR-MW10S3

Date Sampled: 05/08/2014  
 Time Sampled: 1545

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/20          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/20          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/24          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/24          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/24          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/24          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/24          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/24          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/24          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/334         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/334         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/334         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/334         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/334         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/245         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/245         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/245         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7348/245         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7348/245         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/245         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/245         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/245         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/245         |
| Vinyl chloride                 | 2.4                  | µg/L                      | 7348/245         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/245         |
| Hardness (Calculated)          | 128                  | mg/L as CaCO <sub>3</sub> | 7157/879         |
| Chloride                       | 177                  | mg/L                      | 7276/278         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/14/14 1030             | 05/23/14 1452             | 140514-2        | SNX5142            | LPL            | 8151A(M)         |

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## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/14/14 1030             | 05/23/14 1452             | 140514-2        | 5NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/13/14 1610             | 05/20/14 0541             | 140513-6        | 3EX3139            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/14/14 0800             | 05/21/14 1342             | 140514-1        | 1MS6141            | JMM            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/12/14 2228             | 1MS5132         | 1MS5132            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/13/14 1102             | 05/15/14 1944             | 140513-4        | 6IP4135            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/14/14 2103             | IIC1134         | 3IC1134            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050795

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

Lab Number: 14050796

Sample Description: WG-05072014-AK-AMW107D

Date Sampled: 05/07/2014  
 Time Sampled: 1600

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/20          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/20          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/24          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/24          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/24          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/24          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/24          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/24          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/24          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/334         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/334         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/334         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/334         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/334         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/245         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/245         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/245         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7348/245         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7348/245         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/245         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/245         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/245         |
| Trichloroethylene              | 1.3                  | µg/L                      | 7348/245         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/245         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/245         |
| Hardness (Calculated)          | 399                  | mg/L as CaCO <sub>3</sub> | 7157/879         |
| Chloride                       | 101                  | mg/L                      | 7276/277         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/14/14 1030             | 05/23/14 1531             | 140514-2        | SNX5142            | LPL            | 8151A(M)         |

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## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/14/14 1030             | 05/23/14 1531             | 140514-2        | 5NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/13/14 1610             | 05/20/14 0624             | 140513-6        | 3EX3139            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/14/14 0800             | 05/21/14 1427             | 140514-1        | 1MS6141            | JMM            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/12/14 2254             | 1MS5132         | 1MS5132            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/13/14 1102             | 05/15/14 1948             | 140513-4        | 6IP4135            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/14/14 0415             | 2IC1133         | 7IC1133            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050796

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

Lab Number: 14050797

Sample Description: WG-05092014-AK-MW15S4

Date Sampled: 05/09/2014  
 Time Sampled: 0835

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/20          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/20          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/24          |
| B-BHC                          | 0.042                | µg/L                      | 7409/24          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/24          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/24          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/24          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/24          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/24          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/334         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/334         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/334         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/334         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/334         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/245         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/245         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/245         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7348/245         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7348/245         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/245         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/245         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/245         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/245         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/245         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/245         |
| Hardness (Calculated)          | 66.2                 | mg/L as CaCO <sub>3</sub> | 7157/879         |
| Chloride                       | 6.0                  | mg/L                      | 7276/277         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/14/14 1030             | 05/23/14 1610             | 140514-2        | SNX5142            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/14/14 1030             | 05/23/14 1610             | 140514-2        | 5NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/13/14 1610             | 05/20/14 0706             | 140513-6        | 3EX3139            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/14/14 0800             | 05/21/14 1512             | 140514-1        | 1MS6141            | JMM            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/12/14 2320             | 1MS5132         | 1MS5132            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/13/14 1102             | 05/15/14 1953             | 140513-4        | 6IP4135            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/14/14 0427             | 2IC1133         | 7IC1133            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050797

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

Lab Number: 14050798

Sample Description: WG-05092014-AK-MW16S4R

Date Sampled: 05/09/2014  
 Time Sampled: 0940

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/20          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/20          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/25          |
| B-BHC                          | 0.261                | µg/L                      | 7409/25          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/25          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/25          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/25          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/25          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/25          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/337         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/337         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/337         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/337         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/337         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/337         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/337         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/337         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/337         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/246         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/246         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/246         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7348/246         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7348/246         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/246         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/246         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/246         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/246         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/246         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/246         |
| Hardness (Calculated)          | 208                  | mg/L as CaCO <sub>3</sub> | 7157/879         |
| Chloride                       | 15.5                 | mg/L                      | 7276/277         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/14/14 1030             | 05/23/14 1649             | 140514-2        | SNX5142            | LPL            | 8151A(M)         |

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## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/14/14 1030             | 05/23/14 1649             | 140514-2        | 5NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/15/14 1030             | 05/22/14 1447             | 140515-1        | 1EX3142            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/15/14 1400             | 05/27/14 0945             | 140515-3        | 1MS6147            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 1527             | 1MS5133         | 1MS5133            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/13/14 1102             | 05/15/14 1957             | 140513-4        | 6IP4135            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/14/14 0440             | 2IC1133         | 7IC1133            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050798

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

Lab Number: 14050799

Sample Description: WG-05092014-AK-MW16S1A

Date Sampled: 05/09/2014  
 Time Sampled: 1055

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/20          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/20          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/25          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/25          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/25          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/25          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/25          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/25          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/25          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/334         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/334         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/334         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/334         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/334         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/334         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/246         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/246         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/246         |
| Carbon tetrachloride           | 20.3                 | µg/L                      | 7348/246         |
| Chloroform                     | 6.0                  | µg/L                      | 7348/246         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/246         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/246         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/246         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/246         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/246         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/246         |
| Hardness (Calculated)          | 419                  | mg/L as CaCO <sub>3</sub> | 7157/879         |
| Chloride                       | 186                  | mg/L                      | 7276/277         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/14/14 1030             | 05/23/14 1846             | 140514-2        | SNX5142            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/14/14 1030             | 05/23/14 1846             | 140514-2        | 5NX5142            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/15/14 1030             | 05/22/14 1653             | 140515-1        | 1EX3142            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/14/14 0800             | 05/21/14 1558             | 140514-1        | 1MS6141            | JMM            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 1645             | 1MS5133         | 1MS5133            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/13/14 1102             | 05/15/14 2022             | 140513-4        | 7IP4135            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/14/14 0553             | 2IC1133         | 8IC1133            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050799

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

Lab Number: 14050800

Sample Description: WG-05092014-JR-MW28S3

Date Sampled: 05/09/2014  
 Time Sampled: 0905

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/21          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/21          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/25          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/25          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/25          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/25          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/25          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/25          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/25          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/334         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/334         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/334         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/334         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/334         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/334         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/334         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/334         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/334         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Carbon tetrachloride           | 37.2                      | µg/L                      | 7348/246         |                    |                |                  |
| Chloroform                     | 2.2                       | µg/L                      | 7348/246         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Hardness (Calculated)          | 113                       | mg/L as CaCO <sub>3</sub> | 7157/879         |                    |                |                  |
| Chloride                       | 23.5                      | mg/L                      | 7276/277         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/15/14 1600             | 05/26/14 0358             | 140515-4         | 1NX5146            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/15/14 1600             | 05/26/14 0358             | 140515-4        | 1NX5146            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/15/14 1030             | 05/22/14 1735             | 140515-1        | 1EX3142            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/14/14 0800             | 05/21/14 1643             | 140514-1        | 1MS6141            | JMM            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 1710             | 1MS5133         | 1MS5133            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/13/14 1102             | 05/15/14 2026             | 140513-4        | 7IP4135            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/14/14 0605             | 2IC1133         | 8IC1133            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050800

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

Lab Number: 14050801  
 Sample Description: WG-05092014-JR-FD3

Date Sampled: 05/09/2014  
 Time Sampled: 0000

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/21          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/21          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/25          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/25          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/25          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/25          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/25          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/25          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/25          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/337         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/337         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/337         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/337         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/337         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/337         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/337         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/337         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/337         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/246         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/246         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/246         |
| Carbon tetrachloride           | 47.4                 | µg/L                      | 7348/246         |
| Chloroform                     | 2.6                  | µg/L                      | 7348/246         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/246         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/246         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/246         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/246         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/246         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/246         |
| Hardness (Calculated)          | 112                  | mg/L as CaCO <sub>3</sub> | 7157/879         |
| Chloride                       | 23.2                 | mg/L                      | 7276/278         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/15/14 1600             | 05/26/14 0437             | 140515-4        | 1NX5146            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/15/14 1600             | 05/26/14 0437             | 140515-4        | 1NX5146            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/15/14 1030             | 05/22/14 1817             | 140515-1        | 1EX3142            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/15/14 1400             | 05/27/14 1159             | 140515-3        | 1MS6147            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 1736             | 1MS5133         | 1MS5133            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/13/14 1102             | 05/15/14 2030             | 140513-4        | 7IP4135            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/14/14 2115             | IIC1134         | 3IC1134            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050801

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

Lab Number: 14050802  
 Sample Description: WG-05092014-JR-MW28S2

Date Sampled: 05/09/2014  
 Time Sampled: 1020

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/21          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/21          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | 0.028                | µg/L                      | 7409/25          |
| B-BHC                          | 0.069                | µg/L                      | 7409/25          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/25          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/25          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/25          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/25          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/25          |
| OXY GC/MS Acids                | HP N                 |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/339         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/339         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/339         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/339         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/339         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/339         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/339         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/339         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/339         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/246         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/246         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/246         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7348/246         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7348/246         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/246         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/246         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/246         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/246         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/246         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/246         |
| Hardness (Calculated)          | 300.                 | mg/L as CaCO <sub>3</sub> | 7157/879         |
| Chloride                       | 360                  | mg/L                      | 7276/277         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/15/14 1600             | 05/26/14 0516             | 140515-4        | 1NX5146            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/15/14 1600             | 05/26/14 0516             | 140515-4        | 1NX5146            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/15/14 1030             | 05/22/14 2023             | 140515-1        | 2EX3142            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/27/14 1400             | 05/30/14 0940             | 140527-1        | 1MS6150            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 1802             | 1MS5133         | 1MS5133            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/13/14 1102             | 05/15/14 2034             | 140513-4        | 7IP4135            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/14/14 0630             | 2IC1133         | 8IC1133            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Footnotes:

N - The original extract was lost during sample concentration.

Conclusion of Lab Number: 14050802

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

Lab Number: 14050803  
 Sample Description: WG-05092014-JR-MW28S1

Date Sampled: 05/09/2014  
 Time Sampled: 1105

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/21          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/21          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/25          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/25          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/25          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/25          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/25          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/25          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/25          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/337         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/337         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/337         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/337         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/337         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/337         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/337         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/337         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/337         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/246         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/246         |
| Benzene                        | 2.9                  | µg/L                      | 7348/246         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7348/246         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7348/246         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/246         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/246         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/246         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/246         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/246         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/246         |
| Hardness (Calculated)          | 297                  | mg/L as CaCO <sub>3</sub> | 7157/879         |
| Chloride                       | 92                   | mg/L                      | 7276/277         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/15/14 1600             | 05/26/14 0555             | 140515-4        | 1NX5146            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/15/14 1600             | 05/26/14 0555             | 140515-4        | 1NX5146            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/15/14 1030             | 05/22/14 2105             | 140515-1        | 2EX3142            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/15/14 1400             | 05/27/14 1243             | 140515-3        | 1MS6147            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 1828             | 1MS5133         | 1MS5133            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/13/14 1102             | 05/15/14 2038             | 140513-4        | 7IP4135            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/14/14 0642             | 2IC1133         | 8IC1133            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050803

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## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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Lab Number: 14050804  
Sample Description: TB-05092014-JR

Date Sampled: 05/09/2014  
Time Sampled: 1200

| <u>Analysis</u>                      | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u>           |
|--------------------------------------|---------------------------|---------------------------|----------------------------|
| OXY Volatiles by 8260                |                           |                           |                            |
| 1,1,1-Trichloroethane                | ND(0.5)                   | µg/L                      | 7348/246                   |
| 1,2-Dichloroethane                   | ND(0.5)                   | µg/L                      | 7348/246                   |
| Benzene                              | ND(0.5)                   | µg/L                      | 7348/246                   |
| Carbon tetrachloride                 | ND(0.5)                   | µg/L                      | 7348/246                   |
| Chloroform                           | ND(0.5)                   | µg/L                      | 7348/246                   |
| Chloromethane                        | ND(0.5)                   | µg/L                      | 7348/246                   |
| Methylene chloride                   | ND(0.5)                   | µg/L                      | 7348/246                   |
| Tetrachloroethylene                  | ND(0.5)                   | µg/L                      | 7348/246                   |
| Trichloroethylene                    | ND(0.5)                   | µg/L                      | 7348/246                   |
| Vinyl chloride                       | ND(0.5)                   | µg/L                      | 7348/246                   |
| 1,2-Dichloropropane                  | ND(0.5)                   | µg/L                      | 7348/246                   |
| <u>Analysis</u>                      | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>            |
| OXY Volatiles by 8260                | N/A                       | 05/13/14 1854             | 1MS5133                    |
| Volatile Analysis Preparation Method |                           |                           | 1MS5133 RKR 8260B<br>5030B |

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Conclusion of Lab Number: 14050804

## Appendix

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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ND( ), where reported, indicates the analyte was not detected above the Limit of Quantitation (LOQ). The concentration of the LOQ is inside the parentheses.

---

All samples which require cooling were received at a temperature of less than 6 degrees Celsius.

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No analysis with a holding time of seventy-two hours or less was performed in this Continental order.

---

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

B - Analyte is also present in the method blank or load blank at the concentration indicated either to the right of the letter B and/or in the enclosed Quality Control Report. The reported sample concentration has not been blank corrected.

HP - Regulatory preparation holding time for this analysis was exceeded.

QC - QC data qualifiers were noted. See the Quality Control Report.

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## Accreditation Summary

Page: 53

Client: Occidental Chemical Corporation  
Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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NELAP accreditation is issued under each EPA regulatory program for a given matrix/analyte/method combination. Continental is NELAP accredited for each matrix/analyte/method and EPA program cited in this Laboratory Report, except for those listed in the table below and for analyses performed in the field. For most of the analyses listed in the table, NELAP accreditation is not offered under the listed EPA program and Continental is NELAP accredited for the analysis, using the same analytical technology, but under a different EPA program. Continental's full NELAP accreditation status may be viewed at [www.kdheks.gov/envlab](http://www.kdheks.gov/envlab). Note that unless qualified otherwise in the Laboratory Report, Continental performs all analyses, including each analysis listed in the table below, utilizing NELAP protocol.

| <u>Test</u> | <u>Analysis</u>           | <u>Matrix-Regulatory Program</u> | <u>Method</u> | <u>CAS NELAP Accredited in Other Reg. Program</u> |
|-------------|---------------------------|----------------------------------|---------------|---|
| CL351       | OXY Chlorinated Hyd.      | L-RCRA                           | 8121          |   |
| CL351       | Hexachloroethane          | L-RCRA                           | 8121          | No  |
| CL351       | Hexachlorobutadiene       | L-RCRA                           | 8121          | No  |
| MS302       | OXY GC/MS Acids           | L-RCRA                           | 8270C         |   |
| MS302       | 3-& 4-Chlorophenol        | L-RCRA                           | 8270C         | No  |
| MS302       | 2,5-Dichlorophenol        | L-RCRA                           | 8270C         | No  |
| MS302       | 2,3,4,5-Tetrachlorophenol | L-RCRA                           | 8270C         | No  |

**Quality Control Report  
Batch Summary**

Page: 54

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

| Test Code   | Testname                       | QC Batch | Method Blank Date/Time Analyzed | LCS Date/Time Analyzed      | MS Lab No. Date/Time Analyzed |
|---|--------------------------------|----------|---------------------------------|-----------------------------|-------------------------------|
| CL223   | 2,4-Dichlorophenoxyacetic Acid | 140512-2 | 140512BLK2<br>05/22/14 1128     | 140512LCS2<br>05/22/14 1207 | 14050789MS<br>05/23/14 0110   |
| Lab numbers associated with this batch:<br>14050789   |                                |          |                                 |                             |                               |
| CL223   | 2,4-Dichlorophenoxyacetic Acid | 140514-2 | 140514BLK2<br>05/23/14 0228     | 140514LCS2<br>05/23/14 0307 | 14050798MS<br>05/23/14 1728   |
| Lab numbers associated with this batch:<br>14050780 14050781 14050782 14050783 14050784 14050785 14050786 14050787 14050788 14050790 14050791<br>14050792 14050793 14050794 14050795 14050796 14050797 14050798 14050799          |                                |          |                                 |                             |                               |
| CL223   | 2,4-Dichlorophenoxyacetic Acid | 140515-4 | 140515BLK4<br>05/26/14 0240     | 140515LCS4<br>05/26/14 0319 | 14050868MS<br>05/28/14 0200   |
| Lab numbers associated with this batch:<br>14050800 14050801 14050802 14050803  |                                |          |                                 |                             |                               |
| CL350   | Pentachlorophenol              | 140512-2 | 140512BLK2<br>05/22/14 1128     | 140512LCS2<br>05/22/14 1207 | 14050789MS<br>05/23/14 0110   |
| Lab numbers associated with this batch:<br>14050789   |                                |          |                                 |                             |                               |
| CL350   | Pentachlorophenol              | 140514-2 | 140514BLK2<br>05/23/14 0228     | 140514LCS2<br>05/23/14 0307 | 14050798MS<br>05/23/14 1728   |
| Lab numbers associated with this batch:<br>14050780 14050781 14050782 14050783 14050784 14050785 14050786 14050787 14050788 14050790 14050791<br>14050792 14050793 14050794 14050795 14050796 14050797 14050798 14050799          |                                |          |                                 |                             |                               |
| CL350   | Pentachlorophenol              | 140515-4 | 140515BLK4<br>05/26/14 0240     | 140515LCS4<br>05/26/14 0319 | 14050868MS<br>05/28/14 0200   |
| Lab numbers associated with this batch:<br>14050800 14050801 14050802 14050803  |                                |          |                                 |                             |                               |
| CL351   | OXY Chlorinated Hyd.           | 140513-6 | 140513BLK6<br>05/19/14 1210     | 140513LCS6<br>05/19/14 1252 | 14050789MS<br>05/19/14 2324   |
| Lab numbers associated with this batch:<br>14050780 14050781 14050782 14050783 14050784 14050785 14050786 14050787 14050788 14050789 14050790<br>14050791 14050792 14050793 14050794 14050795 14050796 14050797                   |                                |          |                                 |                             |                               |
| CL351   | OXY Chlorinated Hyd.           | 140515-1 | 140515BLK1<br>05/22/14 1241     | 140515LCS1<br>05/22/14 1323 | 14050798MS<br>05/22/14 1529   |
| Lab numbers associated with this batch:<br>14050798 14050799 14050800 14050801 14050802 14050803  |                                |          |                                 |                             |                               |
| MS302   | OXY GC/MS Acids                | 140514-1 | 140514BLK1<br>05/20/14 0814     | 140514LCS1<br>05/20/14 0858 | 14050789MS<br>05/20/14 1628   |
| Lab numbers associated with this batch:<br>14050780 14050781 14050782 14050783 14050784 14050785 14050786 14050787 14050788 14050789 14050790<br>14050791 14050792 14050793 14050794 14050795 14050796 14050797 14050798 14050800 |                                |          |                                 |                             |                               |
| MS302   | OXY GC/MS Acids                | 140515-3 | 140515BLK3<br>05/27/14 0816     | 140515LCS3<br>05/27/14 0901 | 14050798MS<br>05/27/14 1029   |
| Lab numbers associated with this batch:<br>14050798 14050801 14050803   |                                |          |                                 |                             |                               |

**Quality Control Report  
Batch Summary**

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

| Test Code   | Testname              | QC Batch | Method Blank Date/Time Analyzed | LCS Date/Time Analyzed      | MS Lab No. Date/Time Analyzed          |
|---|-----------------------|----------|---------------------------------|-----------------------------|--|
| MS302   | OXY GC/MS Acids       | 140527-1 | 140527BLK1<br>05/30/14 0811     | 140527LCS1<br>05/30/14 0855 |  |
| Lab numbers associated with this batch:<br>14050802   |                       |          |                                 |                             |  |
| MS350 OXY Volatiles by 8260   |                       |          |                                 |                             |  |
|   |                       | 1MS5132  | BLK1MS5132<br>05/12/14 1444     | LCS1MS5132<br>05/12/14 1352 | 14050789MS<br>05/12/14 1928            |
| Lab numbers associated with this batch:<br>14050780 14050781 14050782 14050783 14050784 14050785 14050786 14050787 14050788 14050789 14050790<br>14050791 14050792 14050793 14050794 14050795 14050796 14050797 |                       |          |                                 |                             |  |
| MS350 OXY Volatiles by 8260   |                       |          |                                 |                             |  |
|   |                       | 1MS5133  | BLK1MS5133<br>05/13/14 1502     | LCS1MS5133<br>05/13/14 1410 | 14050798MS<br>05/13/14 1553            |
| Lab numbers associated with this batch:<br>14050798 14050799 14050800 14050801 14050802 14050803 14050804   |                       |          |                                 |                             |  |
| SL323   | Hardness (Calculated) | 140513-3 | 140513BLK3<br>05/15/14 1710     | 140513LCS3<br>05/15/14 1714 | 14050789MS<br>05/15/14 1854            |
| Lab numbers associated with this batch:<br>14050780 14050781 14050782 14050783 14050784 14050785 14050786 14050787 14050788 14050789  |                       |          |                                 |                             |  |
| SL323   | Hardness (Calculated) | 140513-4 | 140513BLK4<br>05/15/14 1907     | 140513LCS4<br>05/15/14 1911 | 14050798MS<br>05/15/14 2001            |
| Lab numbers associated with this batch:<br>14050790 14050791 14050792 14050793 14050794 14050795 14050796 14050797 14050798 14050799 14050800<br>14050801 14050802 14050803                                     |                       |          |                                 |                             |  |
| GL502   | Chloride              | 1IC1133  | BLK1IC1133<br>05/13/14 1232     | LCS1IC1133<br>05/13/14 1244 |  |
| Lab numbers associated with this batch:<br>14050780 14050781 14050782 14050783 14050784 14050785  |                       |          |                                 |                             |  |
| GL502   | Chloride              | 1IC1134  | BLK1IC1134<br>05/14/14 1508     | LCS1IC1134<br>05/14/14 1520 | 14050801MS<br>05/14/14 2128            |
| Lab numbers associated with this batch:<br>14050786 14050787 14050790 14050795 14050801   |                       |          |                                 |                             |  |
| GL502   | Chloride              | 2IC1133  | BLK2IC1133<br>05/14/14 0047     | LCS2IC1133<br>05/14/14 0059 | 14050789MS 14050798MS<br>05/14/14 0200 |
| Lab numbers associated with this batch:<br>14050788 14050789 14050791 14050792 14050793 14050794 14050796 14050797 14050798 14050799 14050800<br>14050802 14050803  |                       |          |                                 |                             |  |

**Quality Control Report**  
**Method Blank, LCS, MS/MSD Data**

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

| Analysis  | Blank                                    | % Rec   | Limits    | Spike Level | Spiked Sample (% Recovery) |                         | Limits | Spike Level | Spiked Sample Precision Data |        |       |      |
|---|--|---------|-----------|-------------|----------------------------|-------------------------|--------|-------------|------------------------------|--------|-------|------|
|   | Data                                     | LCS     |           |             | MS                         | MSD                     |        |             | Units                        | RPD    | Limit |      |
| <b>QC Batch: 140512-2</b><br>2,4-Dichlorophenoxyacetic Acid | ND(1.0)                                  | 105     | 69.8-136  | 4.0         | µg/L                       | 97.7                    | 101    | 77.4-130    | 4.0                          | µg/L   | 3.60  | 20.7 |
| <b>Surrogates:</b><br>2,4-DICHLOROPHENYLACETIC ACID         | 93.2                                     | 97.2    | 61.3-125  | 5.0         | µg/L                       | 95.0                    | 96.4   | 61.3-125    | 5.0                          | µg/L   |       |      |
| <b>QC Batch: 140512-2</b><br>Pentachlorophenol              | ND(0.5)                                  | 91.5    | 74.9-121  | 4.0         | µg/L                       | 78.5                    | 80.6   | 10.5-152    | 4.0                          | µg/L   | 2.50  | 16.3 |
| <b>Surrogates:</b><br>2,4-DICHLOROPHENYLACETIC ACID         | 93.2                                     | 97.2    | 61.3-125  | 5.0         | µg/L                       | 95.0                    | 96.4   | 61.3-125    | 5.0                          | µg/L   |       |      |
| <b>QC Batch: 140513-3</b><br>Hardness (Calculated)          | ND(5.0)                                  | 90.9    | 80.0-120  | 337         | mg/L a                     | 83.4                    | 87.2   | 80.0-120    | 337                          | mg/L a | 2.50  | 20.0 |
| <b>QC Batch: 140513-4</b><br>Hardness (Calculated)          | ND(5.0)                                  | 90.4    | 80.0-120  | 337         | mg/L a                     | 89.4                    | 87.6   | 80.0-120    | 337                          | mg/L a | 1.20  | 20.0 |
| <b>QC Batch: 140513-6</b><br>OXY Chlorinated Hyd.           | For samples prepared on: 05/13/2014 1610 |         |           |             |                            | Spiked sample: 14050789 |        |             | N/A                          |        |       |      |
| A-BHC   | 0.008 J                                  | 104     | 79.1-131  | 0.50        | µg/L                       | 100.                    | 98.8   | 75.2-138    | 0.50                         | µg/L   | 2.90  | 15.8 |
| B-BHC   | ND(0.037)                                | 101     | 75.0-135  | 0.50        | µg/L                       | 103                     | 98.0   | 72.4-137    | 0.50                         | µg/L   | 6.50  | 17.5 |
| G-BHC   | ND(0.052)                                | 104     | 77.8-133  | 0.50        | µg/L                       | 103                     | 101    | 77.9-137    | 0.50                         | µg/L   | 4.10  | 16.6 |
| Hexachloroethane  | ND(0.02)                                 | 90.4    | 46.8-125  | 0.50        | µg/L                       | 94.4                    | 94.4   | 31.6-131    | 0.50                         | µg/L   | 1.60  | 22.6 |
| Hexachlorobutadiene   | ND(0.02)                                 | 92.2    | 41.2-130  | 0.50        | µg/L                       | 93.6                    | 93.2   | 29.4-129    | 0.50                         | µg/L   | 2.00  | 25.6 |
| Hexachlorobenzene   | ND(0.10)                                 | 101     | 70.8-133  | 0.50        | µg/L                       | 101                     | 98.4   | 64.7-137    | 0.50                         | µg/L   | 4.40  | 19.3 |
| D-BHC   | ND(0.05)                                 | 102     | 76.9-150  | 0.50        | µg/L                       | 101                     | 97.4   | 73.2-157    | 0.50                         | µg/L   | 5.20  | 17.1 |
| <b>Surrogates:</b><br>1,4-DICHLORONAPHTHALENE               | 77.5                                     | 79.4    | 58.6-99.8 | 8.0         | µg/L                       | 80.6                    | 79.5   | 58.6-99.8   | 8.0                          | µg/L   |       |      |
| <b>QC Batch: 140514-1</b><br>OXY GC/MS Acids                | For samples prepared on: 05/14/2014 0800 |         |           |             |                            | Spiked sample: 14050789 |        |             | N/A                          |        |       |      |
| 2-Chlorophenol  | ND(5.0)                                  | 85.8    | 70.2-103  | 50.0        | µg/L                       | 85.7                    | 83.9   | 69.9-103    | 50.0                         | µg/L   | 0.50  | 8.8  |
| 3-& 4-Chlorophenol  | ND(5.0)                                  | 73.2    | 60.2-90.2 | 50.0        | µg/L                       | 74.7                    | 71.9   | 59.9-92.2   | 50.0                         | µg/L   | 2.40  | 10.3 |
| 2,4-Dichlorophenol  | ND(5.0)                                  | 88.5    | 69.4-120  | 50.0        | µg/L                       | 86.3                    | 94.1   | 67.9-124    | 50.0                         | µg/L   | 10.2  | 12.8 |
| 2,5-Dichlorophenol  | ND(5.0)                                  | 93.6    | 74.7-110  | 50.0        | µg/L                       | 102 MH                  | 93.5   | 77.0-100    | 50.0                         | µg/L   | 7.30  | 14.7 |
| 2,6-Dichlorophenol  | ND(5.0)                                  | 93.5    | 75.6-115  | 50.0        | µg/L                       | 96.7                    | 96.7   | 73.8-118    | 50.0                         | µg/L   | 1.60  | 7.8  |
| 2,4,5-Trichlorophenol                                       | ND(5.0)                                  | 96.5    | 78.9-118  | 50.0        | µg/L                       | 95.9                    | 100.   | 80.6-118    | 50.0                         | µg/L   | 6.20  | 8.9  |
| 2,4,6-Trichlorophenol                                       | ND(5.0)                                  | 91.9    | 78.5-118  | 50.0        | µg/L                       | 94.6                    | 97.0   | 79.4-120    | 50.0                         | µg/L   | 4.00  | 9.9  |
| 2,3,4,5-Tetrachlorophenol                                   | ND(5.0) CE                               | 94.7 CE | 72.6-125  | 100         | µg/L                       | 102 CE                  | 105 CE | 73.7-125    | 100                          | µg/L   | 4.00  | 11.4 |
| 2,3,4,6-Tetrachlorophenol                                   | ND(5.0)                                  | 102     | 72.9-128  | 50.0        | µg/L                       | 114                     | 112    | 75.1-128    | 50.0                         | µg/L   | 0.50  | 12.5 |
| <b>Surrogates:</b><br>PHENOL-d6                             | 35.8                                     | 35.4    | 22.3-43.0 | 150         | µg/L                       | 32.4                    | 31.9   | 22.3-43.0   | 150                          | µg/L   |       |      |
| 2-FLUOROPHENOL  | 54.7                                     | 54.9    | 37.7-66.5 | 150         | µg/L                       | 50.4                    | 49.2   | 37.7-66.5   | 150                          | µg/L   |       |      |
| 2,4,6-TRIBROMOPHENOL  | 106                                      | 113     | 56.7-128  | 150         | µg/L                       | 113                     | 118    | 56.7-128    | 150                          | µg/L   |       |      |
| <b>QC Batch: 140514-2</b><br>2,4-Dichlorophenoxyacetic Acid | ND(1.0)                                  | 94.2    | 69.8-136  | 4.0         | µg/L                       | 103                     | 91.1   | 77.4-130    | 4.0                          | µg/L   | 15.7  | 20.7 |
| <b>Surrogates:</b><br>2,4-DICHLOROPHENYLACETIC ACID         | 89.4                                     | 96.6    | 61.3-125  | 5.0         | µg/L                       | 103                     | 95.8   | 61.3-125    | 5.0                          | µg/L   |       |      |
| <b>QC Batch: 140514-2</b><br>Pentachlorophenol              | ND(0.5)                                  | 92.1    | 74.9-121  | 4.0         | µg/L                       | 83.9                    | 79.2   | 10.5-152    | 4.0                          | µg/L   | 8.80  | 16.3 |
| <b>Surrogates:</b><br>2,4-DICHLOROPHENYLACETIC ACID         | 89.4                                     | 96.6    | 61.3-125  | 5.0         | µg/L                       | 103                     | 95.8   | 61.3-125    | 5.0                          | µg/L   |       |      |

**Quality Control Report**  
**Method Blank, LCS, MS/MSD Data**

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

| Analysis                             | Blank   | % Rec   | Spike     | Spiked Sample |       |         | Spike                          | Spiked Sample |      |       |       |      |
|--------------------------------------|---|---------|-----------|---------------|-------|---------|--------------------------------|---------------|------|-------|-------|------|
|                                      | Data  | LCS     |           | Limits        | Level | Units   | (% Recovery)                   | MS            | MSD  | Level | Units |      |
| <b>QC Batch: 140515-1</b>            | <b>For samples prepared on: 05/15/2014 1030</b> |         |           |               |       |         | <b>Spiked sample: 14050798</b> |               |      |       |       |      |
| <b>OXY Chlorinated Hyd.</b>          |   |         |           | N/A           |       |         |                                |               |      | N/A   |       |      |
| A-BHC                                | ND(0.011)                                       | 100.    | 79.1-131  | 0.50          | µg/L  | 98.8    | 101                            | 75.2-138      | 0.50 | µg/L  | 5.90  | 15.8 |
| B-BHC                                | ND(0.037)                                       | 92.4    | 75.0-135  | 0.50          | µg/L  | 98.4    | 102                            | 72.4-137      | 0.50 | µg/L  | 4.80  | 17.5 |
| G-BHC                                | ND(0.052)                                       | 95.2    | 77.8-133  | 0.50          | µg/L  | 96.2    | 99.2                           | 77.9-137      | 0.50 | µg/L  | 6.80  | 16.6 |
| Hexachloroethane                     | ND(0.02)  | 88.8    | 46.8-125  | 0.50          | µg/L  | 87.4    | 86.4                           | 31.6-131      | 0.50 | µg/L  | 2.60  | 22.6 |
| Hexachlorobutadiene                  | ND(0.02)  | 90.4    | 41.2-130  | 0.50          | µg/L  | 88.4    | 91.2                           | 29.4-129      | 0.50 | µg/L  | 6.80  | 25.6 |
| Hexachlorobenzene                    | ND(0.10)  | 90.8    | 70.8-133  | 0.50          | µg/L  | 92.2    | 95.8                           | 64.7-137      | 0.50 | µg/L  | 7.50  | 19.3 |
| D-BHC                                | ND(0.05)  | 97.0    | 76.9-150  | 0.50          | µg/L  | 102     | 103                            | 73.2-157      | 0.50 | µg/L  | 5.50  | 17.1 |
| <b>Surrogates:</b>                   |   |         |           |               |       |         |                                |               |      |       |       |      |
| 1,4-DICHLORONAPHTHALENE              | 78.1  | 83.7    | 58.6-99.8 | 8.0           | µg/L  | 82.9    | 84.9                           | 58.6-99.8     | 8.0  | µg/L  |       |      |
| <b>QC Batch: 140515-3</b>            | <b>For samples prepared on: 05/15/2014 1400</b> |         |           |               |       |         | <b>Spiked sample: 14050798</b> |               |      |       |       |      |
| <b>OXY GC/MS Acids</b>               |   |         | N/A       |               |       |         |                                |               |      | N/A   |       |      |
| 2-Chlorophenol                       | ND(5.0)   | 76.8    | 70.2-103  | 50.0          | µg/L  | 82.0    | 77.3                           | 69.9-103      | 50.0 | µg/L  | 5.90  | 8.8  |
| 3-& 4-Chlorophenol                   | ND(5.0)   | 65.8    | 60.2-90.2 | 50.0          | µg/L  | 70.7    | 65.4                           | 59.9-92.2     | 50.0 | µg/L  | 7.80  | 10.3 |
| 2,4-Dichlorophenol                   | ND(5.0)   | 84.1    | 69.4-120  | 50.0          | µg/L  | 82.6    | 74.0                           | 67.9-124      | 50.0 | µg/L  | 10.9  | 12.8 |
| 2,5-Dichlorophenol                   | ND(5.0)   | 79.9    | 74.7-110  | 50.0          | µg/L  | 84.6    | 90.9                           | 77.0-100      | 50.0 | µg/L  | 7.20  | 14.7 |
| 2,6-Dichlorophenol                   | ND(5.0)   | 84.3    | 75.6-115  | 50.0          | µg/L  | 86.5    | 84.0                           | 73.8-118      | 50.0 | µg/L  | 2.90  | 7.8  |
| 2,4,5-Trichlorophenol                | ND(5.0)   | 84.3    | 78.9-118  | 50.0          | µg/L  | 87.4    | 85.3                           | 80.6-118      | 50.0 | µg/L  | 2.40  | 8.9  |
| 2,4,6-Trichlorophenol                | ND(5.0)   | 82.6    | 78.5-118  | 50.0          | µg/L  | 83.6    | 84.0                           | 79.4-120      | 50.0 | µg/L  | 0.50  | 9.9  |
| 2,3,4,5-Tetrachlorophenol            | ND(5.0) CE                                      | 86.2 CE | 72.6-125  | 100           | µg/L  | 85.4 CE | 81.5 CE                        | 73.7-125      | 100  | µg/L  | 4.60  | 11.4 |
| 2,3,4,6-Tetrachlorophenol            | ND(5.0)   | 91.3    | 72.9-128  | 50.0          | µg/L  | 97.3    | 92.5                           | 75.1-128      | 50.0 | µg/L  | 5.00  | 12.5 |
| <b>Surrogates:</b>                   |   |         |           |               |       |         |                                |               |      |       |       |      |
| PHENOL-d6                            | 32.3  | 29.9    | 22.3-43.0 | 150           | µg/L  | 33.4    | 30.6                           | 22.3-43.0     | 150  | µg/L  |       |      |
| 2-FLUOROPHENOL                       | 50.5  | 45.9    | 37.7-66.5 | 150           | µg/L  | 51.8    | 48.5                           | 37.7-66.5     | 150  | µg/L  |       |      |
| 2,4,6-TRIBROMOPHENOL                 | 86.4  | 91.8    | 56.7-128  | 150           | µg/L  | 95.5    | 96.4                           | 56.7-128      | 150  | µg/L  |       |      |
| <b>QC Batch: 140515-4</b>            | <b>For samples prepared on: 05/15/2014 1600</b> |         |           |               |       |         | <b>Spiked sample: 14050868</b> |               |      |       |       |      |
| <b>2,4-Dichlorophenoxyacetic Aci</b> | ND(1.0)   | 99.7    | 69.8-136  | 4.0           | µg/L  | MN      | MN                             | 77.4-130      | 4.0  | µg/L  | **    | 20.7 |
| <b>Surrogates:</b>                   |   |         |           |               |       |         |                                |               |      |       |       |      |
| 2,4-DICHLOROPHENYLACETIC ACID        | 89.7  | 95.3    | 61.3-125  | 5.0           | µg/L  | MN      | MN                             | 61.3-125      | 5.0  | µg/L  | **    |      |
| <b>QC Batch: 140515-4</b>            | <b>For samples prepared on: 05/15/2014 1600</b> |         |           |               |       |         | <b>Spiked sample: 14050868</b> |               |      |       |       |      |
| <b>Pentachlorophenol</b>             | ND(0.5)   | 91.6    | 74.9-121  | 4.0           | µg/L  | MN      | MN                             | 10.5-152      | 4.0  | µg/L  | **    | 16.3 |
| <b>Surrogates:</b>                   |   |         |           |               |       |         |                                |               |      |       |       |      |
| 2,4-DICHLOROPHENYLACETIC ACID        | 89.7  | 95.3    | 61.3-125  | 5.0           | µg/L  | MN      | MN                             | 61.3-125      | 5.0  | µg/L  | **    |      |
| <b>QC Batch: 140527-1</b>            | <b>For samples prepared on: 05/27/2014 0930</b> |         |           |               |       |         | <b>Spiked sample:</b>          |               |      |       |       |      |
| <b>OXY GC/MS Acids</b>               |   |         | N/A       |               |       |         | MN                             | MN            | N/A  |       |       |      |
| 2-Chlorophenol                       | ND(5.0)   | 83.3    | 70.2-103  | 50.0          | µg/L  |         |                                | 69.9-103      | N/A  | µg/L  | **    | 8.8  |
| 3-& 4-Chlorophenol                   | ND(5.0)   | 68.6    | 60.2-90.2 | 50.0          | µg/L  |         |                                | 59.9-92.2     | N/A  | µg/L  | **    | 10.3 |
| 2,4-Dichlorophenol                   | ND(5.0)   | 77.1    | 69.4-120  | 50.0          | µg/L  |         |                                | 67.9-124      | N/A  | µg/L  | **    | 12.8 |
| 2,5-Dichlorophenol                   | ND(5.0)   | 92.7    | 74.7-110  | 50.0          | µg/L  |         |                                | 77.0-100      | N/A  | µg/L  | **    | 14.7 |
| 2,6-Dichlorophenol                   | ND(5.0)   | 88.0    | 75.6-115  | 50.0          | µg/L  |         |                                | 73.8-118      | N/A  | µg/L  | **    | 7.8  |
| 2,4,5-Trichlorophenol                | ND(5.0)   | 84.6    | 78.9-118  | 50.0          | µg/L  |         |                                | 80.6-118      | N/A  | µg/L  | **    | 8.9  |
| 2,4,6-Trichlorophenol                | ND(5.0)   | 85.9    | 78.5-118  | 50.0          | µg/L  |         |                                | 79.4-120      | N/A  | µg/L  | **    | 9.9  |
| 2,3,4,5-Tetrachlorophenol            | ND(5.0) CE                                      | 81.4 CE | 72.6-125  | 100           | µg/L  |         |                                | 73.7-125      | N/A  | µg/L  | **    | 11.4 |
| 2,3,4,6-Tetrachlorophenol            | ND(5.0)   | 86.1    | 72.9-128  | 50.0          | µg/L  |         |                                | 75.1-128      | N/A  | µg/L  | **    | 12.5 |
| <b>Surrogates:</b>                   |   |         |           |               |       |         |                                |               |      |       |       |      |
| PHENOL-d6                            | 32.1  | 32.4    | 22.3-43.0 | 150           | µg/L  | MN      | MN                             | 22.3-43.0     | N/A  | µg/L  | **    |      |
| 2-FLUOROPHENOL                       | 49.1  | 49.4    | 37.7-66.5 | 150           | µg/L  | MN      | MN                             | 37.7-66.5     | N/A  | µg/L  | **    |      |
| 2,4,6-TRIBROMOPHENOL                 | 80.5  | 89.0    | 56.7-128  | 150           | µg/L  | MN      | MN                             | 56.7-128      | N/A  | µg/L  | **    |      |

**Quality Control Report**  
**Method Blank, LCS, MS/MSD Data**

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

| Analysis              | Blank   | % Rec | Limits   | Spike Level | Units | Spiked Sample (% Recovery) |      | Limits   | Spike Level | Units | Spiked Sample Precision Data |       |
|-----------------------|---------|-------|----------|-------------|-------|----------------------------|------|----------|-------------|-------|------------------------------|-------|
|                       | Data    | LCS   |          |             |       | MS                         | MSD  |          |             |       | RPD                          | Limit |
| QC Batch: 1IC1133     |         |       |          |             |       |                            |      |          |             |       |                              |       |
| Chloride              | ND(1.0) | 99.1  | 90.0-110 | 4.0         | mg/L  | MN                         | MN   | 71.9-123 | N/A         | mg/L  | **                           | 5.2   |
| QC Batch: 1IC1134     |         |       |          |             |       |                            |      |          |             |       |                              |       |
| Chloride              | ND(1.0) | 101   | 90.0-110 | 4.0         | mg/L  | I                          | I    | 71.9-123 | 4.0         | mg/L  | **                           | 5.2   |
| QC Batch: 1MSS132     |         |       |          |             |       |                            |      |          |             |       |                              |       |
| OXV Volatiles by 8260 |         |       |          |             |       |                            |      |          |             |       |                              |       |
| 1,1,1-Trichloroethane | ND(0.5) | 108   | 81.5-118 | 10.0        | µg/L  | 107                        | 109  | 80.9-119 | 10.0        | µg/L  | 2.30                         | 8.0   |
| 1,2-Dichloroethane    | ND(0.5) | 96.2  | 74.4-117 | 10.0        | µg/L  | 93.5                       | 102  | 76.0-121 | 10.0        | µg/L  | 8.40                         | 10.3  |
| Benzene               | ND(0.5) | 98.2  | 84.4-112 | 10.0        | µg/L  | 101                        | 102  | 79.1-119 | 10.0        | µg/L  | 1.30                         | 6.3   |
| Carbon tetrachloride  | ND(0.5) | 116   | 81.7-124 | 10.0        | µg/L  | 111                        | 117  | 79.4-126 | 10.0        | µg/L  | 5.10                         | 8.3   |
| Chloroform            | ND(0.5) | 104   | 75.7-112 | 10.0        | µg/L  | 104                        | 102  | 72.9-119 | 10.0        | µg/L  | 2.10                         | 8.1   |
| Chloromethane         | ND(0.5) | 91.8  | 72.2-129 | 10.0        | µg/L  | 103                        | 105  | 67.0-134 | 10.0        | µg/L  | 2.20                         | 11.7  |
| Methylene chloride    | ND(0.5) | 95.9  | 77.0-112 | 10.0        | µg/L  | 103                        | 109  | 75.6-117 | 10.0        | µg/L  | 6.20                         | 10.5  |
| Tetrachloroethylene   | ND(0.5) | 104   | 87.4-118 | 10.0        | µg/L  | 107                        | 112  | 83.0-120 | 10.0        | µg/L  | 4.00                         | 8.2   |
| Trichloroethylene     | ND(0.5) | 101   | 82.5-115 | 10.0        | µg/L  | 101                        | 106  | 82.9-118 | 10.0        | µg/L  | 5.00                         | 8.3   |
| Vinyl chloride        | ND(0.5) | 81.6  | 76.6-130 | 10.0        | µg/L  | 91.9                       | 92.7 | 73.1-135 | 10.0        | µg/L  | 0.90                         | 12.6  |
| 1,2-Dichloropropane   | ND(0.5) | 96.3  | 80.8-112 | 10.0        | µg/L  | 95.2                       | 100. | 81.1-116 | 10.0        | µg/L  | 5.00                         | 9.9   |
| <b>Surrogates:</b>    |         |       |          |             |       |                            |      |          |             |       |                              |       |
| 1,2-DICHLOROETHANE-d4 | 102     | 99.1  | 74.9-126 | 10.0        | µg/L  | 93.5                       | 99.7 | 74.9-126 | 10.0        | µg/L  |                              |       |
| TOLUENE-d8            | 105     | 104   | 90.5-117 | 10.0        | µg/L  | 104                        | 108  | 90.5-117 | 10.0        | µg/L  |                              |       |
| QC Batch: 1MSS133     |         |       |          |             |       |                            |      |          |             |       |                              |       |
| OXV Volatiles by 8260 |         |       |          |             |       |                            |      |          |             |       |                              |       |
| 1,1,1-Trichloroethane | ND(0.5) | 103   | 81.5-118 | 10.0        | µg/L  | 104                        | 103  | 80.9-119 | 10.0        | µg/L  | 0.90                         | 8.0   |
| 1,2-Dichloroethane    | ND(0.5) | 87.7  | 74.4-117 | 10.0        | µg/L  | 94.6                       | 95.8 | 76.0-121 | 10.0        | µg/L  | 1.30                         | 10.3  |
| Benzene               | ND(0.5) | 94.9  | 84.4-112 | 10.0        | µg/L  | 98.4                       | 96.6 | 79.1-119 | 10.0        | µg/L  | 1.80                         | 6.3   |
| Carbon tetrachloride  | ND(0.5) | 107   | 81.7-124 | 10.0        | µg/L  | 109                        | 110. | 79.4-126 | 10.0        | µg/L  | 1.40                         | 8.3   |
| Chloroform            | ND(0.5) | 98.0  | 75.7-112 | 10.0        | µg/L  | 102                        | 97.2 | 72.9-119 | 10.0        | µg/L  | 4.80                         | 8.1   |
| Chloromethane         | ND(0.5) | 97.3  | 72.2-129 | 10.0        | µg/L  | 105                        | 97.3 | 67.0-134 | 10.0        | µg/L  | 7.90                         | 11.7  |
| Methylene chloride    | ND(0.5) | 96.6  | 77.0-112 | 10.0        | µg/L  | 99.1                       | 94.1 | 75.6-117 | 10.0        | µg/L  | 5.20                         | 10.5  |
| Tetrachloroethylene   | ND(0.5) | 108   | 87.4-118 | 10.0        | µg/L  | 112                        | 106  | 83.0-120 | 10.0        | µg/L  | 5.40                         | 8.2   |
| Trichloroethylene     | ND(0.5) | 98.2  | 82.5-115 | 10.0        | µg/L  | 100.                       | 101  | 82.9-118 | 10.0        | µg/L  | 1.20                         | 8.3   |
| Vinyl chloride        | ND(0.5) | 86.5  | 76.6-130 | 10.0        | µg/L  | 94.0                       | 91.8 | 73.1-135 | 10.0        | µg/L  | 2.40                         | 12.6  |
| 1,2-Dichloropropane   | ND(0.5) | 87.9  | 80.8-112 | 10.0        | µg/L  | 94.7                       | 95.6 | 81.1-116 | 10.0        | µg/L  | 0.90                         | 9.9   |
| <b>Surrogates:</b>    |         |       |          |             |       |                            |      |          |             |       |                              |       |
| 1,2-DICHLOROETHANE-d4 | 93.7    | 86.5  | 74.9-126 | 10.0        | µg/L  | 95.6                       | 88.2 | 74.9-126 | 10.0        | µg/L  |                              |       |
| TOLUENE-d8            | 103     | 103   | 90.5-117 | 10.0        | µg/L  | 103                        | 108  | 90.5-117 | 10.0        | µg/L  |                              |       |
| QC Batch: 2IC1133     |         |       |          |             |       |                            |      |          |             |       |                              |       |
| Chloride              | ND(1.0) | 94.1  | 90.0-110 | 4.0         | mg/L  | 91.3                       | 87.2 | 71.9-123 | 4.0         | mg/L  | 1.10                         | 5.2   |
| QC Batch: 2IC1133     |         |       |          |             |       |                            |      |          |             |       |                              |       |
| Chloride              | ND(1.0) | 94.1  | 90.0-110 | 4.0         | mg/L  | 86.9                       | 88.9 | 71.9-123 | 4.0         | mg/L  | 0.40                         | 5.2   |

Data Qualifiers:

J - The concentration or not detected (ND) value is below the Limit of Quantitation (LOQ) and is considered an estimated value.

MH - The matrix spike and/or matrix spike duplicate recovery for this analyte was above the method or laboratory control limit. See LCS data for the basis for acceptance of this sample. The reported sample concentration is estimated.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

# Quality Control Report

## Method Blank, LCS, MS/MSD Data

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

| Analysis | Blank | % Rec | Spiked Sample |             |       |    | Limits | Spike Level | Spiked Sample Precision Data |     |       |
|----------|-------|-------|---------------|-------------|-------|----|--------|-------------|------------------------------|-----|-------|
|          | Data  | LCS   | Limits        | Spike Level | Units | MS | MSD    |             | Units                        | RPD | Limit |

MN - The MS/MSD sample analyses were not performed on a sample from this Continental order number.

I - Due to the concentration of analyte in the sample, the spike level is too low to allow accurate quantification of the spike recovery.

\*\* - RPD calculation not applicable/not available for this analysis.

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

| <b>Surrogate</b>                                  | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|---|----------------------|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14050780</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05082014-AK-AMW107S</b> |                      |                      |                    |              |                   |                            |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 96.3              | 61.3-125                   |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 96.3              | 61.3-125                   |
| OXY Chlorinated Hyd.                              |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                           | 05/13/2014           | 05/19/2014           | 8.0                | µg/L         | 72.6              | 58.6-99.8                  |
| OXY GC/MS Acids                                   |                      |                      |                    |              |                   |                            |
| PHENOL-d6   | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 34.6              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                    | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 52.3              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                              | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 106               | 56.7-128                   |
| OXY Volatiles by 8260                             |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                             |                      | 05/12/2014           | 10                 | µg/L         | 97.0              | 74.9-126                   |
| TOLUENE-d8  |                      | 05/12/2014           | 10                 | µg/L         | 107               | 90.5-117                   |
| <b>Lab Number: 14050781</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05082014-AK-AMW5S</b>   |                      |                      |                    |              |                   |                            |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 119               | 61.3-125                   |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 119               | 61.3-125                   |
| OXY Chlorinated Hyd.                              |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                           | 05/13/2014           | 05/19/2014           | 8.0                | µg/L         | 71.5              | 58.6-99.8                  |
| OXY GC/MS Acids                                   |                      |                      |                    |              |                   |                            |
| PHENOL-d6   | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 33.8              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                    | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 52.5              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                              | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 117               | 56.7-128                   |
| OXY Volatiles by 8260                             |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                             |                      | 05/12/2014           | 10                 | µg/L         | 96.8              | 74.9-126                   |
| TOLUENE-d8  |                      | 05/12/2014           | 10                 | µg/L         | 103               | 90.5-117                   |
| <b>Lab Number: 14050782</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05082014-AK-AMW5D</b>   |                      |                      |                    |              |                   |                            |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 104               | 61.3-125                   |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 104               | 61.3-125                   |
| OXY Chlorinated Hyd.                              |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                           | 05/13/2014           | 05/19/2014           | 8.0                | µg/L         | 71.2              | 58.6-99.8                  |
| OXY GC/MS Acids                                   |                      |                      |                    |              |                   |                            |
| PHENOL-d6   | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 35.5              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                    | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 54.8              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                              | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 111               | 56.7-128                   |
| OXY Volatiles by 8260                             |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                             |                      | 05/12/2014           | 10                 | µg/L         | 94.7              | 74.9-126                   |
| TOLUENE-d8  |                      | 05/12/2014           | 10                 | µg/L         | 105               | 90.5-117                   |
| <b>Lab Number: 14050783</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05082014-AK-MW140S1</b> |                      |                      |                    |              |                   |                            |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 98.3              | 61.3-125                   |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 98.3              | 61.3-125                   |
| OXY Chlorinated Hyd.                              |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                           | 05/13/2014           | 05/19/2014           | 8.0                | µg/L         | 82.0              | 58.6-99.8                  |
| OXY GC/MS Acids                                   |                      |                      |                    |              |                   |                            |
| PHENOL-d6   | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 34.1              | 22.3-43.0                  |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

| <b>Surrogate</b>                                 | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|--|----------------------|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14050783</b>                      |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05082014-AK-MW14S1</b> |                      |                      |                    |              |                   |                            |
| OXY GC/MS Acids                                  |                      |                      |                    |              |                   |                            |
| 2-FLUOROPHENOL                                   | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 53.1              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                             | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 105               | 56.7-128                   |
| OXY Volatiles by 8260                            |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                            |                      | 05/12/2014           | 10                 | µg/L         | 99.1              | 74.9-126                   |
| TOLUENE-d8                                       |                      | 05/12/2014           | 10                 | µg/L         | 104               | 90.5-117                   |
| <b>Lab Number: 14050784</b>                      |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05082014-AK-MW03S1</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                       |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                    | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 88.5              | 61.3-125                   |
| Herbicides                                       |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                    | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 88.5              | 61.3-125                   |
| OXY Chlorinated Hyd.                             |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                          | 05/13/2014           | 05/19/2014           | 8.0                | µg/L         | 89.0              | 58.6-99.8                  |
| OXY GC/MS Acids                                  |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 33.0              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                   | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 51.1              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                             | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 102               | 56.7-128                   |
| OXY Volatiles by 8260                            |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                            |                      | 05/12/2014           | 10                 | µg/L         | 97.9              | 74.9-126                   |
| TOLUENE-d8                                       |                      | 05/12/2014           | 10                 | µg/L         | 103               | 90.5-117                   |
| <b>Lab Number: 14050785</b>                      |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05082014-AK-MW13S1</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                       |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                    | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 92.0              | 61.3-125                   |
| Herbicides                                       |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                    | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 92.0              | 61.3-125                   |
| OXY Chlorinated Hyd.                             |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                          | 05/13/2014           | 05/19/2014           | 8.0                | µg/L         | 75.6              | 58.6-99.8                  |
| OXY GC/MS Acids                                  |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 29.3              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                   | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 46.2              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                             | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 98.5              | 56.7-128                   |
| OXY Volatiles by 8260                            |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                            |                      | 05/12/2014           | 10                 | µg/L         | 98.8              | 74.9-126                   |
| TOLUENE-d8                                       |                      | 05/12/2014           | 10                 | µg/L         | 107               | 90.5-117                   |
| <b>Lab Number: 14050786</b>                      |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05082014-AK-MW13S3</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                       |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                    | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 96.0              | 61.3-125                   |
| Herbicides                                       |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                    | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 96.0              | 61.3-125                   |
| OXY Chlorinated Hyd.                             |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                          | 05/13/2014           | 05/19/2014           | 8.0                | µg/L         | 77.7              | 58.6-99.8                  |
| OXY GC/MS Acids                                  |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 31.8              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                   | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 49.8              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                             | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 104               | 56.7-128                   |
| OXY Volatiles by 8260                            |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                            |                      | 05/12/2014           | 10                 | µg/L         | 103               | 74.9-126                   |
| TOLUENE-d8                                       |                      | 05/12/2014           | 10                 | µg/L         | 108               | 90.5-117                   |
| <b>Lab Number: 14050787</b>                      |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05082014-AK-FD2</b>    |                      |                      |                    |              |                   |                            |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

| <b>Surrogate</b>                                    | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|---|----------------------|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14050787</b>                         |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05082014-AK-FD2</b>       |                      |                      |                    |              |                   |                            |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                       | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 91.5              | 61.3-125                   |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                       | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 91.5              | 61.3-125                   |
| OXY Chlorinated Hyd.                                |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                             | 05/13/2014           | 05/19/2014           | 8.0                | µg/L         | 79.6              | 58.6-99.8                  |
| OXY GC/MS Acids                                     |                      |                      |                    |              |                   |                            |
| PHENOL-d6   | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 30.9              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                      | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 48.1              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                                | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 104               | 56.7-128                   |
| OXY Volatiles by 8260                               |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                               |                      | 05/12/2014           | 10                 | µg/L         | 104               | 74.9-126                   |
| TOLUENE-d8  |                      | 05/12/2014           | 10                 | µg/L         | 104               | 90.5-117                   |
| <b>Lab Number: 14050788</b>                         |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05072014-JR-MW144S2S3</b> |                      |                      |                    |              |                   |                            |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                       | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 95.6              | 61.3-125                   |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                       | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 95.6              | 61.3-125                   |
| OXY Chlorinated Hyd.                                |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                             | 05/13/2014           | 05/19/2014           | 8.0                | µg/L         | 79.2              | 58.6-99.8                  |
| OXY GC/MS Acids                                     |                      |                      |                    |              |                   |                            |
| PHENOL-d6   | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 33.4              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                      | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 51.4              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                                | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 87.7              | 56.7-128                   |
| OXY Volatiles by 8260                               |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                               |                      | 05/12/2014           | 10                 | µg/L         | 101               | 74.9-126                   |
| TOLUENE-d8  |                      | 05/12/2014           | 10                 | µg/L         | 105               | 90.5-117                   |
| <b>Lab Number: 14050789</b>                         |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05082014-JR-MW132S2S3</b> |                      |                      |                    |              |                   |                            |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                       | 05/12/2014           | 05/23/2014           | 5.0                | µg/L         | 90.7              | 61.3-125                   |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                       | 05/12/2014           | 05/23/2014           | 5.0                | µg/L         | 90.7              | 61.3-125                   |
| OXY Chlorinated Hyd.                                |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                             | 05/13/2014           | 05/19/2014           | 8.0                | µg/L         | 74.5              | 58.6-99.8                  |
| OXY GC/MS Acids                                     |                      |                      |                    |              |                   |                            |
| PHENOL-d6   | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 31.6              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                      | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 49.8              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                                | 05/14/2014           | 05/20/2014           | 150                | µg/L         | 103               | 56.7-128                   |
| OXY Volatiles by 8260                               |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                               |                      | 05/12/2014           | 10                 | µg/L         | 103               | 74.9-126                   |
| TOLUENE-d8  |                      | 05/12/2014           | 10                 | µg/L         | 101               | 90.5-117                   |
| <b>Lab Number: 14050790</b>                         |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05082014-JR-MW132S1</b>   |                      |                      |                    |              |                   |                            |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                       | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 93.0              | 61.3-125                   |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                       | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 93.0              | 61.3-125                   |
| OXY Chlorinated Hyd.                                |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                             | 05/13/2014           | 05/20/2014           | 8.0                | µg/L         | 75.6              | 58.6-99.8                  |
| OXY GC/MS Acids                                     |                      |                      |                    |              |                   |                            |
| PHENOL-d6   | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 32.3              | 22.3-43.0                  |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

| <b>Surrogate</b>                                  | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|---|----------------------|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14050790</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05082014-JR-MW132S1</b> |                      |                      |                    |              |                   |                            |
| OXY GC/MS Acids                                   |                      |                      |                    |              |                   |                            |
| 2-FLUOROPHENOL                                    | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 51.4              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                              | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 94.6              | 56.7-128                   |
| OXY Volatiles by 8260                             |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                             |                      | 05/12/2014           | 10                 | µg/L         | 96.5              | 74.9-126                   |
| TOLUENE-d8  |                      | 05/12/2014           | 10                 | µg/L         | 106               | 90.5-117                   |
| <b>Lab Number: 14050791</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05082014-JR-MW31S1</b>  |                      |                      |                    |              |                   |                            |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 97.9              | 61.3-125                   |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 97.9              | 61.3-125                   |
| OXY Chlorinated Hyd.                              |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                           | 05/13/2014           | 05/20/2014           | 8.0                | µg/L         | 73.6              | 58.6-99.8                  |
| OXY GC/MS Acids                                   |                      |                      |                    |              |                   |                            |
| PHENOL-d6   | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 32.7              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                    | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 51.1              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                              | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 95.8              | 56.7-128                   |
| OXY Volatiles by 8260                             |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                             |                      | 05/12/2014           | 40                 | µg/L         | 93.7              | 74.9-126                   |
| TOLUENE-d8  |                      | 05/12/2014           | 40                 | µg/L         | 105               | 90.5-117                   |
| <b>Lab Number: 14050792</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05082014-JR-MW32S1</b>  |                      |                      |                    |              |                   |                            |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 92.8              | 61.3-125                   |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 92.8              | 61.3-125                   |
| OXY Chlorinated Hyd.                              |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                           | 05/13/2014           | 05/20/2014           | 8.0                | µg/L         | 70.3              | 58.6-99.8                  |
| OXY GC/MS Acids                                   |                      |                      |                    |              |                   |                            |
| PHENOL-d6   | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 34.3              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                    | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 53.3              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                              | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 97.3              | 56.7-128                   |
| OXY Volatiles by 8260                             |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                             |                      | 05/12/2014           | 10                 | µg/L         | 103               | 74.9-126                   |
| TOLUENE-d8  |                      | 05/12/2014           | 10                 | µg/L         | 105               | 90.5-117                   |
| <b>Lab Number: 14050793</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05082014-JR-MW10S2</b>  |                      |                      |                    |              |                   |                            |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 98.3              | 61.3-125                   |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 98.3              | 61.3-125                   |
| OXY Chlorinated Hyd.                              |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                           | 05/13/2014           | 05/20/2014           | 8.0                | µg/L         | 73.9              | 58.6-99.8                  |
| OXY GC/MS Acids                                   |                      |                      |                    |              |                   |                            |
| PHENOL-d6   | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 34.1              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                    | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 53.6              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                              | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 93.1              | 56.7-128                   |
| OXY Volatiles by 8260                             |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                             |                      | 05/12/2014           | 10                 | µg/L         | 101               | 74.9-126                   |
| TOLUENE-d8  |                      | 05/12/2014           | 10                 | µg/L         | 108               | 90.5-117                   |
| <b>Lab Number: 14050794</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05082014-JR-MW10S1</b>  |                      |                      |                    |              |                   |                            |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

| <b>Surrogate</b>                                  | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|---|----------------------|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14050794</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05082014-JR-MW10S1</b>  |                      |                      |                    |              |                   |                            |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 95.4              | 61.3-125                   |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 95.4              | 61.3-125                   |
| OXY Chlorinated Hyd.                              |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                           | 05/13/2014           | 05/20/2014           | 8.0                | µg/L         | 78.9              | 58.6-99.8                  |
| OXY GC/MS Acids                                   |                      |                      |                    |              |                   |                            |
| PHENOL-d6   | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 33.4              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                    | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 51.8              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                              | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 93.9              | 56.7-128                   |
| OXY Volatiles by 8260                             |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                             |                      | 05/12/2014           | 10                 | µg/L         | 104               | 74.9-126                   |
| TOLUENE-d8  |                      | 05/12/2014           | 10                 | µg/L         | 105               | 90.5-117                   |
| <b>Lab Number: 14050795</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05082014-JR-MW10S3</b>  |                      |                      |                    |              |                   |                            |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 90.7              | 61.3-125                   |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 90.7              | 61.3-125                   |
| OXY Chlorinated Hyd.                              |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                           | 05/13/2014           | 05/20/2014           | 8.0                | µg/L         | 73.5              | 58.6-99.8                  |
| OXY GC/MS Acids                                   |                      |                      |                    |              |                   |                            |
| PHENOL-d6   | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 33.9              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                    | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 52.2              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                              | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 102               | 56.7-128                   |
| OXY Volatiles by 8260                             |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                             |                      | 05/12/2014           | 10                 | µg/L         | 100               | 74.9-126                   |
| TOLUENE-d8  |                      | 05/12/2014           | 10                 | µg/L         | 106               | 90.5-117                   |
| <b>Lab Number: 14050796</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05072014-AK-AMW107D</b> |                      |                      |                    |              |                   |                            |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 96.1              | 61.3-125                   |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 96.1              | 61.3-125                   |
| OXY Chlorinated Hyd.                              |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                           | 05/13/2014           | 05/20/2014           | 8.0                | µg/L         | 73.7              | 58.6-99.8                  |
| OXY GC/MS Acids                                   |                      |                      |                    |              |                   |                            |
| PHENOL-d6   | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 34.9              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                    | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 54.5              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                              | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 104               | 56.7-128                   |
| OXY Volatiles by 8260                             |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                             |                      | 05/12/2014           | 10                 | µg/L         | 104               | 74.9-126                   |
| TOLUENE-d8  |                      | 05/12/2014           | 10                 | µg/L         | 104               | 90.5-117                   |
| <b>Lab Number: 14050797</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05092014-AK-MW15S4</b>  |                      |                      |                    |              |                   |                            |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 94.0              | 61.3-125                   |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 94.0              | 61.3-125                   |
| OXY Chlorinated Hyd.                              |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                           | 05/13/2014           | 05/20/2014           | 8.0                | µg/L         | 79.9              | 58.6-99.8                  |
| OXY GC/MS Acids                                   |                      |                      |                    |              |                   |                            |
| PHENOL-d6   | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 31.7              | 22.3-43.0                  |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

| <b>Surrogate</b>                                  | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|---|----------------------|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14050797</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05092014-AK-MW15S4</b>  |                      |                      |                    |              |                   |                            |
| OXY GC/MS Acids                                   |                      |                      |                    |              |                   |                            |
| 2-FLUOROPHENOL                                    | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 50.1              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                              | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 103               | 56.7-128                   |
| OXY Volatiles by 8260                             |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                             |                      | 05/12/2014           | 10                 | µg/L         | 99.0              | 74.9-126                   |
| TOLUENE-d8  |                      | 05/12/2014           | 10                 | µg/L         | 102               | 90.5-117                   |
| <b>Lab Number: 14050798</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05092014-AK-MW16S4R</b> |                      |                      |                    |              |                   |                            |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 90.4              | 61.3-125                   |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 90.4              | 61.3-125                   |
| OXY Chlorinated Hyd.                              |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                           | 05/15/2014           | 05/22/2014           | 8.0                | µg/L         | 86.3              | 58.6-99.8                  |
| OXY GC/MS Acids                                   |                      |                      |                    |              |                   |                            |
| PHENOL-d6   | 05/15/2014           | 05/27/2014           | 150                | µg/L         | 31.3              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                    | 05/15/2014           | 05/27/2014           | 150                | µg/L         | 48.6              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                              | 05/15/2014           | 05/27/2014           | 150                | µg/L         | 86.1              | 56.7-128                   |
| OXY Volatiles by 8260                             |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                             |                      | 05/13/2014           | 10                 | µg/L         | 92.2              | 74.9-126                   |
| TOLUENE-d8  |                      | 05/13/2014           | 10                 | µg/L         | 101               | 90.5-117                   |
| <b>Lab Number: 14050799</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05092014-AK-MW16S1A</b> |                      |                      |                    |              |                   |                            |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 85.2              | 61.3-125                   |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/14/2014           | 05/23/2014           | 5.0                | µg/L         | 85.2              | 61.3-125                   |
| OXY Chlorinated Hyd.                              |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                           | 05/15/2014           | 05/22/2014           | 8.0                | µg/L         | 80.0              | 58.6-99.8                  |
| OXY GC/MS Acids                                   |                      |                      |                    |              |                   |                            |
| PHENOL-d6   | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 33.8              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                    | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 52.7              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                              | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 103               | 56.7-128                   |
| OXY Volatiles by 8260                             |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                             |                      | 05/13/2014           | 10                 | µg/L         | 96.2              | 74.9-126                   |
| TOLUENE-d8  |                      | 05/13/2014           | 10                 | µg/L         | 106               | 90.5-117                   |
| <b>Lab Number: 14050800</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05092014-JR-MW28S3</b>  |                      |                      |                    |              |                   |                            |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/15/2014           | 05/26/2014           | 5.0                | µg/L         | 89.7              | 61.3-125                   |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/15/2014           | 05/26/2014           | 5.0                | µg/L         | 89.7              | 61.3-125                   |
| OXY Chlorinated Hyd.                              |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                           | 05/15/2014           | 05/22/2014           | 8.0                | µg/L         | 79.0              | 58.6-99.8                  |
| OXY GC/MS Acids                                   |                      |                      |                    |              |                   |                            |
| PHENOL-d6   | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 32.3              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                    | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 50.8              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                              | 05/14/2014           | 05/21/2014           | 150                | µg/L         | 93.8              | 56.7-128                   |
| OXY Volatiles by 8260                             |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                             |                      | 05/13/2014           | 10                 | µg/L         | 89.8              | 74.9-126                   |
| TOLUENE-d8  |                      | 05/13/2014           | 10                 | µg/L         | 105               | 90.5-117                   |
| <b>Lab Number: 14050801</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05092014-JR-FD3</b>     |                      |                      |                    |              |                   |                            |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

| <b>Surrogate</b>                                 | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|--|----------------------|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14050801</b>                      |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05092014-JR-FD3</b>    |                      |                      |                    |              |                   |                            |
| Herbicides                                       |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                    | 05/15/2014           | 05/26/2014           | 5.0                | µg/L         | 84.8              | 61.3-125                   |
| Herbicides                                       |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                    | 05/15/2014           | 05/26/2014           | 5.0                | µg/L         | 84.8              | 61.3-125                   |
| OXY Chlorinated Hyd.                             |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                          | 05/15/2014           | 05/22/2014           | 8.0                | µg/L         | 81.7              | 58.6-99.8                  |
| OXY GC/MS Acids                                  |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/15/2014           | 05/27/2014           | 150                | µg/L         | 32.5              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                   | 05/15/2014           | 05/27/2014           | 150                | µg/L         | 50.7              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                             | 05/15/2014           | 05/27/2014           | 150                | µg/L         | 82.5              | 56.7-128                   |
| OXY Volatiles by 8260                            |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                            |                      | 05/13/2014           | 10                 | µg/L         | 94.2              | 74.9-126                   |
| TOLUENE-d8                                       |                      | 05/13/2014           | 10                 | µg/L         | 106               | 90.5-117                   |
| <b>Lab Number: 14050802</b>                      |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05092014-JR-MW28S2</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                       |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                    | 05/15/2014           | 05/26/2014           | 5.0                | µg/L         | 96.1              | 61.3-125                   |
| Herbicides                                       |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                    | 05/15/2014           | 05/26/2014           | 5.0                | µg/L         | 96.1              | 61.3-125                   |
| OXY Chlorinated Hyd.                             |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                          | 05/15/2014           | 05/22/2014           | 8.0                | µg/L         | 74.9              | 58.6-99.8                  |
| OXY GC/MS Acids                                  |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/27/2014           | 05/30/2014           | 150                | µg/L         | 29.4              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                   | 05/27/2014           | 05/30/2014           | 150                | µg/L         | 46.0              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                             | 05/27/2014           | 05/30/2014           | 150                | µg/L         | 79.6              | 56.7-128                   |
| OXY Volatiles by 8260                            |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                            |                      | 05/13/2014           | 10                 | µg/L         | 94.8              | 74.9-126                   |
| TOLUENE-d8                                       |                      | 05/13/2014           | 10                 | µg/L         | 99.2              | 90.5-117                   |
| <b>Lab Number: 14050803</b>                      |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05092014-JR-MW28S1</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                       |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                    | 05/15/2014           | 05/26/2014           | 5.0                | µg/L         | 92.9              | 61.3-125                   |
| Herbicides                                       |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                    | 05/15/2014           | 05/26/2014           | 5.0                | µg/L         | 92.9              | 61.3-125                   |
| OXY Chlorinated Hyd.                             |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                          | 05/15/2014           | 05/22/2014           | 8.0                | µg/L         | 78.9              | 58.6-99.8                  |
| OXY GC/MS Acids                                  |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/15/2014           | 05/27/2014           | 150                | µg/L         | 33.0              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                   | 05/15/2014           | 05/27/2014           | 150                | µg/L         | 50.5              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                             | 05/15/2014           | 05/27/2014           | 150                | µg/L         | 87.1              | 56.7-128                   |
| OXY Volatiles by 8260                            |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                            |                      | 05/13/2014           | 10                 | µg/L         | 105               | 74.9-126                   |
| TOLUENE-d8                                       |                      | 05/13/2014           | 10                 | µg/L         | 105               | 90.5-117                   |
| <b>Lab Number: 14050804</b>                      |                      |                      |                    |              |                   |                            |
| <b>Sample Description: TB-05092014-JR</b>        |                      |                      |                    |              |                   |                            |
| OXY Volatiles by 8260                            |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                            |                      | 05/13/2014           | 10                 | µg/L         | 89.6              | 74.9-126                   |
| TOLUENE-d8                                       |                      | 05/13/2014           | 10                 | µg/L         | 103               | 90.5-117                   |

**Quality Control Report**  
**Continuing Calibration Report**

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

| <u>Analysis</u>                | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u>                          | <u>Amount Detected</u> | <u>Units</u> | <u>Percent Recovery</u> |
|--------------------------------|-------------------------|----------------------------|--|------------------------|--------------|-------------------------|
| 2,4-Dichlorophenoxyacetic Acid | 05/22/2014              | 3NX5142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 05/23/2014              | 4NX5142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 05/23/2014              | 5NX5142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 05/23/2014              | 6NX5142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 05/26/2014              | 1NX5146                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 05/26/2014              | 2NX5146                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 05/22/2014              | 3NX5142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 05/23/2014              | 4NX5142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 05/23/2014              | 5NX5142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 05/23/2014              | 6NX5142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 05/26/2014              | 1NX5146                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 05/26/2014              | 2NX5146                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 05/19/2014              | 1EX3139                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 05/19/2014              | 2EX3139                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 05/20/2014              | 3EX3139                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 05/20/2014              | 4EX3139                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 05/22/2014              | 1EX3142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 05/22/2014              | 2EX3142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 05/23/2014              | 3EX3142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/13/2014              | 3IC1133                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/13/2014              | 4IC1133                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/13/2014              | 5IC1133                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/14/2014              | 6IC1133                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/14/2014              | 7IC1133                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/14/2014              | 8IC1133                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/14/2014              | 9IC1133                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/14/2014              | 3IC1134                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/14/2014              | 4IC1134                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Hardness (Calculated)          | 05/15/2014              | 4IP4135                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Hardness (Calculated)          | 05/15/2014              | 5IP4135                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Hardness (Calculated)          | 05/15/2014              | 6IP4135                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Hardness (Calculated)          | 05/15/2014              | 7IP4135                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Hardness (Calculated)          | 05/15/2014              | 8IP4135                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY GC/MS Acids                | 05/20/2014              |                            | CCV recovery acceptable except as qualified below. |                        |              |                         |
| 2,3,4,5-Tetrachlorophenol      | 05/20/2014              | 1MS6140                    | 100  | 105                    | µg/ml        | 105 CE                  |

Samples associated with this Continuing Calibration Verification:

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14050780                 | 1MS6140                 | WG-05082014-AK-AMW107S    |
| 14050781                 | 1MS6140                 | WG-05082014-AK-AMW5S      |
| 14050782                 | 1MS6140                 | WG-05082014-AK-AMW5D      |
| 14050783                 | 1MS6140                 | WG-05082014-AK-MW140S1    |
| 14050784                 | 1MS6140                 | WG-05082014-AK-MW03S1     |
| 14050785                 | 1MS6140                 | WG-05082014-AK-MW13S1     |

**Quality Control Report**  
**Continuing Calibration Report**

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/02/2014  
 Date Received: 05/09/2014  
 Continental File No: 7775  
 Continental Order No: 118559

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14050786                 | 1MS6140                 | WG-05082014-AK-MW13S3     |
| 14050787                 | 1MS6140                 | WG-05082014-AK-FD2        |
| 14050789                 | 1MS6140                 | WG-05082014-JR-MW132S2S3  |

| <u>Analysis</u>           | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u> | <u>Amount Detected</u> | <u>Units</u> | <u>Percent Recovery</u>                            |
|---------------------------|-------------------------|----------------------------|---------------------------|------------------------|--------------|--|
| OXY GC/MS Acids           | 05/21/2014              |                            |                           |                        |              | CCV recovery acceptable except as qualified below. |
| 2,3,4,5-Tetrachlorophenol | 05/21/2014              | 1MS6141                    | 100                       | 103                    | µg/ml        | 103 CE   |

Samples associated with this Continuing Calibration Verification:

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14050788                 | 1MS6141                 | WG-05072014-JR-MW144S2S3  |
| 14050790                 | 1MS6141                 | WG-05082014-JR-MW132S1    |
| 14050791                 | 1MS6141                 | WG-05082014-JR-MW31S1     |
| 14050792                 | 1MS6141                 | WG-05082014-JR-MW32S1     |
| 14050793                 | 1MS6141                 | WG-05082014-JR-MW10S2     |
| 14050794                 | 1MS6141                 | WG-05082014-JR-MW10S1     |
| 14050795                 | 1MS6141                 | WG-05082014-JR-MW10S3     |
| 14050796                 | 1MS6141                 | WG-05072014-AK-AMW107D    |
| 14050797                 | 1MS6141                 | WG-05092014-AK-MW15S4     |
| 14050799                 | 1MS6141                 | WG-05092014-AK-MW16S1A    |
| 14050800                 | 1MS6141                 | WG-05092014-JR-MW28S3     |

| <u>Analysis</u>           | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u> | <u>Amount Detected</u> | <u>Units</u> | <u>Percent Recovery</u>                            |
|---------------------------|-------------------------|----------------------------|---------------------------|------------------------|--------------|--|
| OXY GC/MS Acids           | 05/27/2014              |                            |                           |                        |              | CCV recovery acceptable except as qualified below. |
| 2,3,4,5-Tetrachlorophenol | 05/27/2014              | 1MS6147                    | 100                       | 104                    | µg/ml        | 104 CE   |

Samples associated with this Continuing Calibration Verification:

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14050798                 | 1MS6147                 | WG-05092014-AK-MW16S4R    |
| 14050801                 | 1MS6147                 | WG-05092014-JR-FD3        |
| 14050803                 | 1MS6147                 | WG-05092014-JR-MW28S1     |

| <u>Analysis</u>           | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u> | <u>Amount Detected</u> | <u>Units</u> | <u>Percent Recovery</u>                            |
|---------------------------|-------------------------|----------------------------|---------------------------|------------------------|--------------|--|
| OXY GC/MS Acids           | 05/30/2014              |                            |                           |                        |              | CCV recovery acceptable except as qualified below. |
| 2,3,4,5-Tetrachlorophenol | 05/30/2014              | 1MS6150                    | 100                       | 102                    | µg/ml        | 102 CE   |

Samples associated with this Continuing Calibration Verification:

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14050802                 | 1MS6150                 | WG-05092014-JR-MW28S2     |

| <u>Analysis</u>       | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u> | <u>Amount Detected</u> | <u>Units</u> | <u>Percent Recovery</u>                            |
|-----------------------|-------------------------|----------------------------|---------------------------|------------------------|--------------|--|
| OXY Volatiles by 8260 | 05/12/2014              | 1MS5132                    |                           |                        |              | CCV recovery acceptable for this Instrument Batch. |
| OXY Volatiles by 8260 | 05/13/2014              | 1MS5133                    |                           |                        |              | CCV recovery acceptable for this Instrument Batch. |

**Quality Control Report  
Continuing Calibration Report**

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/02/2014  
Date Received: 05/09/2014  
Continental File No: 7775  
Continental Order No: 118559

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**Data Qualifiers:**

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

- Laboratory Report Conclusion -



**CONESTOGA-ROVERS**  
& ASSOCIATES

# CHAIN OF CUSTODY RECEIPT ORDER NO.: 34807

PAGE 2 of 2

Address: \_\_\_\_\_ Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

(See Reverse Side for Instructions)

1/8/59

Project No./Phase/Task Code:  
**042407/54046**

Project Name:  
**OC** Wichita

Project Location:  
**Wichita, KS**

Chemistry Contact:  
**Paul McMahon**

Sampler(s):  
**Jeremy Rave, Andy Koenig**

| Laboratory Name:      | Lab Location:  | SSOW ID:         |
|-----------------------|----------------|------------------|
| Confidential Analytic | Soil, KS       | 605-402-3100 5-6 |
| Lab Contact:          | Lab Quote No.: | Cooler No.:      |
| Cliff Baker           |                |                  |

| ITEM<br>SAMPLE IDENTIFICATION<br>(Containers for each sample may be combined on one line) | DATE<br>(month/year)<br>(hour:min) | TIME<br>(hour:min) | CONTAINER QUANTITY &<br>PRESERVATION | ANALYSIS REQUESTED<br>See Back of COC for Definitions) |                      | MS/MSD Request          |
|---|------------------------------------|--------------------|--------------------------------------|--|----------------------|-------------------------|
|   |                                    |                    |                                      | Matrix Code<br>(see back of COC)                       | Grab (G) or Comp (C) |                         |
| 1. WL-05082014-JR-MW1053  | 5/8/14                             | 15:45              | WL G 5 3                             | Unpreserved  |                      | VOC                     |
| 2. WL-05072014-AK-AM1070  | 5/7/14                             | 16:00              | WL G 5 3                             | Hydrochloric Acid (HCl)                                |                      | SVOC                    |
| 3. MG-05092014-AK-MW1584  | 5/9/14                             | 8:35               | MG G 5 3                             | Nitric Acid (HNO <sub>3</sub> )                        |                      | Pest/Herbicide/Hardware |
| 4. MG-05092014-AK-MW16853   | 5/9/14                             | 9:40               | MG G 5 3                             | Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> )        |                      | Chloride/Hardware       |
| 5. MG-05092014-AK-MW16854   | 5/9/14                             | 10:55              | MG G 5 3                             | Sodium Hydroxide (NaOH)                                |                      |                         |
| 6. WL-05092014-JR-MW16853   | 5/9/14                             | 9:05               | WL G 5 3                             | Methanol/Water (Soil VOC)                              |                      |                         |
| 7. WL-05092014-JR-FD3   |                                    | 00:00              | WL G 5 3                             | EnCores 3x5-g, 1x25-g                                  |                      |                         |
| 8. WL-05092014-JR-MW16852   |                                    | 10:20              | WL G 5 3                             | Other:   |                      |                         |
| 9. WL-05092014-JR-MW16851   |                                    | 11:05              | WL G 5 3                             | Total Containers/Sample                                |                      |                         |
| 10. TB-05092014-JR  |                                    | 12:00              | TB G 3                               | VOC  |                      |                         |
| 11.   |                                    |                    |                                      | SVOC   |                      |                         |
| 12.   |                                    |                    |                                      | Pest/Herbicide/Hardware                                |                      |                         |
| 13.   |                                    |                    |                                      | Chloride/Hardware                                      |                      |                         |
| 14.   |                                    |                    |                                      |  |                      |                         |
| 15.   |                                    |                    |                                      |  |                      |                         |

TAT Required in business days (use separate COCs for different TATs):

1 Day    2 Days    3 Days    1 Week    2 Week    Other:

Total Number of Containers: **327** Notes/ Special Requirements:

All Samples in Cooler must be on COC

RELINQUISHED BY \_\_\_\_\_ COMPANY \_\_\_\_\_ DATE \_\_\_\_\_ TIME \_\_\_\_\_ RECEIVED BY \_\_\_\_\_ COMPANY \_\_\_\_\_ DATE \_\_\_\_\_ TIME \_\_\_\_\_

**John Rave** CRA 5/9/14 12:45 **John Rave** CRA 5/9/14 12:45

**John Rave** CRA 5/9/14 12:45 **John Rave** CRA 5/9/14 12:45

3. \_\_\_\_\_



**CONESTOGA-ROVERS**  
& ASSOCIATES

**CHAIN OF CUSTODY RECORD ORDER NO. 118559**  
COC NO.: 38266  
PAGE 1 OF 2  
(See Reverse Side for Instructions)

Address: 8615 W. BETH MAR AV., CHICAGO, IL 60631  
Phone: (773) 380-9933 Fax:

| Project No./Phase/Task Code:<br><b>O42407/054046</b>   | Laboratory Name:<br><b>CONTINENTAL ANALYTICAL</b> | Lab Location:<br><b>SALINA, KS</b>                              | SSOW ID:<br><b>651-A03-D0A-300D</b>  |                       |     |        |       |
|--|---|---|--------------------------------------|-----------------------|-----|--------|-------|
| Project Name:<br><b>OCc WICHITA</b>  | Lab Contact:<br><b>CLIFF BAKER</b>                | Lab Quote No.:  | Cooler No.:                          |                       |     |        |       |
| Project Location:<br><b>WICHITA, KS</b>  |   |   |                                      |                       |     |        |       |
| Chemistry Contact:<br><b>PAUL McNAHON</b>  |   |   |                                      |                       |     |        |       |
| Sampler(s):<br><b>A. KEEN / J. RITE</b>  |   |   |                                      |                       |     |        |       |
| SAMPLE IDENTIFICATION<br>(Comments for each sample may be combined on one line)  |   |   |                                      |                       |     |        |       |
| DATE<br>(mm/dd/yy)   | TIME<br>(hh:mm)                                   | SAMPLE<br>TYPE  | CONTAINER QUANTITY &<br>PRESERVATION |                       |     |        |       |
| ANALYSIS REQUESTED<br>(See Back of COC for Definitions)  |   |   |                                      |                       |     |        |       |
| MS/MSD Request   |   |   |                                      |                       |     |        |       |
| COMMENTS/<br>SPECIAL INSTRUCTIONS:   |   |   |                                      |                       |     |        |       |
| Date Shipped:<br>Airbill No.:  |   |   |                                      |                       |     |        |       |
| TAT Required in business days (use separate COCs for different TATs):  |   |   |                                      |                       |     |        |       |
| <input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Days <input type="checkbox"/> 3 Days <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week <input type="checkbox"/> Other: |   | All Samples in Cooler must be on COC<br><b>13 TOTAL COOLERS</b> |                                      |                       |     |        |       |
| RElinquished By:   | COMPANY   | RECEIVED BY   | COMPANY                              |                       |     |        |       |
| DATE   | TIME  | DATE  | TIME                                 |                       |     |        |       |
| 1. <i>J. Rite</i>  | CRA   | 5/9/14  | 12:15                                | 1. <i>Cliff Baker</i> | CRA | 5/9/14 | 12:45 |
| 2. <i>Paul McNa</i>  | CRA   | 5/9/14  | 14:25                                | 2. <i>Monica</i>      | CRA | 5-9-14 | 14:25 |
| 3.   |   |   |                                      | 3.                    |     |        |       |

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT - ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE - Fully Executed Copy (CRA)      YELLOW - Receiving Laboratory Copy

PINK - Shipper

GOLDENROD - Sampling Crew

CRA Form: COC-10B (20110804)

**Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

118559

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler:

141051 141052

Cooler 1 of 13 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3191 / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 5/9/14 14:25

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_  
Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No N/A

Type of Packing Material: Blue Ice Ice / Melted Ice Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 2.0 Corrected Reading (°C) 2.1

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 555Y Thermo. Correction Factor (°C): 0.1

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:        | <input type="checkbox"/> Sample excluded from Chain of Custody  |
| Cover Letter <input type="checkbox"/> Container <input type="checkbox"/>               | <input type="checkbox"/> Sample listed on Chain of Custody, not received  |
| PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/>                    | <input type="checkbox"/> Sample identification on container and Chain of Custody do not agree   |
| <input type="checkbox"/> Container label absent  | <input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]                | <input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.] |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.) | <input type="checkbox"/> Broken or leaking containers (detail actions below)  |
| <input type="checkbox"/> Date or Time sampled obtained from container label            | <input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate   |
| <input type="checkbox"/> Chain of Custody missing sampler's name                       | <input type="checkbox"/> Other discrepancies: _____   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)                 |   |
| <input type="checkbox"/> Missing relinquished information: signature date time         |   |

Detail to discrepancies/comments:

Completed by: OXY Date Completed: 5-9-14

Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )

CAS Order No.:

118 559

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: 50005

1328253 1654R

Cooler 2 of 13 for this CAS Order No.

Cooler Identification: CAS Cooler #: 385 / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 5 / 9 / 14 14:25

Delivered By: UPS / FedEx / AB Express / Field Svs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_  
Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice / Melted Ice Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 2.3 Corrected Reading (°C) 2.9

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:        | <input type="checkbox"/> Sample excluded from Chain of Custody  |
| Cover Letter <input type="checkbox"/> Container <input type="checkbox"/>               | <input type="checkbox"/> Sample listed on Chain of Custody, not received  |
| PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/>                    | <input type="checkbox"/> Sample identification on container and Chain of Custody do not agree   |
| <input type="checkbox"/> Container label absent  | <input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]                | <input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.] |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.) | <input type="checkbox"/> Broken or leaking containers (detail actions below)  |
| <input type="checkbox"/> Date or Time sampled obtained from container label            | <input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate   |
| <input type="checkbox"/> Chain of Custody missing sampler's name                       | <input type="checkbox"/> Other discrepancies: _____   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)                 |   |
| <input type="checkbox"/> Missing relinquished information: signature date time         |   |

Detail to discrepancies/comments:

Completed by: MW Date Completed: 5-9-14

**Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.: **118559**

Client Name: **oxy**

CAS File No.: **7715**

Sample ID's in cooler: **500, 505**

**132 SWB, 1325**

Cooler **3** of **13** for this CAS Order No.

Cooler Identification: CAS Cooler #: **3105** / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: **5/9/14 14:25**

Delivered By: UPS / FedEx / AB Express / **Field Svcs** / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: **X** Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / **N/A**

Type of Packing Material: Blue Ice **Ice** / Melted Ice **Bubble** / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) **1.5** Corrected Reading (°C) **2.1**

Temperature, By: **Temperature Blank** Surface Temperature

Thermo. ID No.: **585** Thermo. Correction Factor (°C): **0.6**

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:        | <input type="checkbox"/> Sample excluded from Chain of Custody  |
| Cover Letter <input type="checkbox"/> Container <input type="checkbox"/>               | <input type="checkbox"/> Sample listed on Chain of Custody, not received  |
| PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/>                    | <input type="checkbox"/> Sample identification on container and Chain of Custody do not agree   |
| <input type="checkbox"/> Container label absent  | <input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]                | <input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.] |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.) | <input type="checkbox"/> Broken or leaking containers (detail actions below)  |
| <input type="checkbox"/> Date or Time sampled obtained from container label            | <input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate   |
| <input type="checkbox"/> Chain of Custody missing sampler's name                       | <input type="checkbox"/> Other discrepancies: _____   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)                 |   |
| <input type="checkbox"/> Missing relinquished information: signature date time         |   |

Detail to discrepancies/comments:

Completed by: **mws** Date Completed: **5-9-14**

Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )

CAS Order No.:

118559

Client Name: oxy

CAS File No.:

7775

Sample ID's in cooler: 5-005

1053, MW1351, 1253

Cooler 4 of 13 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3916 / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 5 / 9 / 14 14:25

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent:  Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice  Melted Ice  Bubble  Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 1.1 Corrected Reading (°C) 1.7

Temperature, By: Temperature Blank Surface Temperature

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:<br>Cover Letter <input type="checkbox"/> Container <input type="checkbox"/><br>PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/> | <input type="checkbox"/> Sample excluded from Chain of Custody<br><input type="checkbox"/> Sample listed on Chain of Custody, not received<br><input type="checkbox"/> Sample identification on container and Chain of Custody do not agree<br><input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]<br><input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]<br><input type="checkbox"/> Broken or leaking containers (detail actions below)<br><input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate<br><input type="checkbox"/> Other discrepancies: _____ |
| <input type="checkbox"/> Container label absent  |   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]  |   |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.)   |   |
| <input type="checkbox"/> Date or Time sampled obtained from container label  |   |
| <input type="checkbox"/> Chain of Custody missing sampler's name   |   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)   |   |
| <input type="checkbox"/> Missing relinquished information: signature date time   |   |

Detail to discrepancies/comments:

Completed by: MWS Date Completed: 5-9-14

Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )

CAS Order No.:

118557

Client Name: OXY

CAS File No.:

7775

Sample ID's in cooler: S-005  
325) 3151

Cooler 5 of 13 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3960 / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 5/9/14 14:25

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice / Melted Ice Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 0.6 Corrected Reading (°C) 1.2

Temperature. By: Temperature Blank Surface Temperature

Thermo. ID No.: 58 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:<br>Cover Letter <input type="checkbox"/> Container <input type="checkbox"/><br>PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/> | <input type="checkbox"/> Sample excluded from Chain of Custody<br><input type="checkbox"/> Sample listed on Chain of Custody, not received<br><input type="checkbox"/> Sample identification on container and Chain of Custody do not agree<br><input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]<br><input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]<br><input type="checkbox"/> Broken or leaking containers (detail actions below)<br><input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate<br><input type="checkbox"/> Other discrepancies: _____ |
| <input type="checkbox"/> Container label absent  |   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]  |   |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.)   |   |
| <input type="checkbox"/> Date or Time sampled obtained from container label  |   |
| <input type="checkbox"/> Chain of Custody missing sampler's name   |   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)   |   |
| <input type="checkbox"/> Missing relinquished information: signature date time   |   |

Detail to discrepancies/comments:

Completed by: mws Date Completed: 5-9-14

**Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.: *118559*

Client Name: *OXY*

CAS File No.: *7775*

Sample ID's in cooler: *5005*

*14051, 1075, AMWWD, 3551*

Cooler 6 of 13 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3155 / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 5 / 9 / 14 14 : 25

Delivered By: UPS / FedEx / AB Express / Field Svs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice / Melted Ice Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 0.5 Corrected Reading (°C) 1.1

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:        | <input type="checkbox"/> Sample excluded from Chain of Custody  |
| Cover Letter <input type="checkbox"/> Container <input type="checkbox"/>               | <input type="checkbox"/> Sample listed on Chain of Custody, not received  |
| PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/>                    | <input type="checkbox"/> Sample identification on container and Chain of Custody do not agree   |
| <input type="checkbox"/> Container label absent  | <input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]                | <input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.] |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.) | <input type="checkbox"/> Broken or leaking containers (detail actions below)  |
| <input type="checkbox"/> Date or Time sampled obtained from container label            | <input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate   |
| <input type="checkbox"/> Chain of Custody missing sampler's name                       | <input type="checkbox"/> Other discrepancies: _____   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)                 |   |
| <input type="checkbox"/> Missing relinquished information: signature date time         |   |

Detail to discrepancies/comments:

Completed by: mws Date Completed: 5-9-14

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

118539

Client Name: OXY

CAS File No.:

7775

Sample ID's in cooler: S... eoc

F02, mws

Cooler 7 of 13 for this CAS Order No.

Cooler Identification: CAS Cooler #: YPII / Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: 5 / 9 / 14 14 : 25

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice / Melted Ice Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 1.3 Corrected Reading (°C) 1.9

Temperature, By: Temperature Blank Surface Temperature

Thermo. ID No.: 58 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:<br>Cover Letter <input type="checkbox"/> Container <input type="checkbox"/><br>PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/> | <input type="checkbox"/> Sample excluded from Chain of Custody<br><input type="checkbox"/> Sample listed on Chain of Custody, not received<br><input type="checkbox"/> Sample identification on container and Chain of Custody do not agree<br><input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]<br><input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]<br><input type="checkbox"/> Broken or leaking containers (detail actions below)<br><input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate<br><input type="checkbox"/> Other discrepancies: _____ |
| <input type="checkbox"/> Container label absent  |   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]  |   |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.)   |   |
| <input type="checkbox"/> Date or Time sampled obtained from container label  |   |
| <input type="checkbox"/> Chain of Custody missing sampler's name   |   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)   |   |
| <input type="checkbox"/> Missing relinquished information: signature date time   |   |

Detail to discrepancies/comments:

Completed by: mws Date Completed: 5-9-14

**Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.: *118559*

Client Name: *OXY*

CAS File No.: *7775*

Sample ID's in cooler: *S-005*

*1251, 1445119*

Cooler 8 of 13 for this CAS Order No.

Cooler Identification: CAS Cooler #: 320 / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 5/9/14 14:25

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_  
Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice / Melted Ice Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 1.1 Corrected Reading (°C) 1.7

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:        | <input type="checkbox"/> Sample excluded from Chain of Custody  |
| Cover Letter <input type="checkbox"/> Container <input type="checkbox"/>               | <input type="checkbox"/> Sample listed on Chain of Custody, not received  |
| PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/>                    | <input type="checkbox"/> Sample identification on container and Chain of Custody do not agree   |
| <input type="checkbox"/> Container label absent  | <input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]                | <input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.] |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.) | <input type="checkbox"/> Broken or leaking containers (detail actions below)  |
| <input type="checkbox"/> Date or Time sampled obtained from container label            | <input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate   |
| <input type="checkbox"/> Chain of Custody missing sampler's name                       | <input type="checkbox"/> Other discrepancies: _____   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)                 |   |
| <input type="checkbox"/> Missing relinquished information: signature date time         |   |

Detail to discrepancies/comments:

Completed by: mws Date Completed: 5-9-14

**Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

118559

CAS File No.:

7775

Client Name: OXY

Sample ID's in cooler: 5-005

2850, F03

Cooler 9 of 13 for this CAS Order No.

Cooler Identification: CAS Cooler #: 0000 / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 5 / 9 / 14 14 : 25

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice / Melted Ice Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 1.0 Corrected Reading (°C) 1.0

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:  
Cover Letter  Container   
PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: mws Date Completed: 5-9-14

Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )

CAS Order No.:

118589

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: 500005

2851, 2858

Cooler 10 of 13 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3889 / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 5 / 9 / 14 14 : 25

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice / Melted Ice Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 0.9 Corrected Reading (°C) 1.4

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 58 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:<br>Cover Letter <input type="checkbox"/> Container <input type="checkbox"/><br>PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/> | <input type="checkbox"/> Sample excluded from Chain of Custody<br><input type="checkbox"/> Sample listed on Chain of Custody, not received<br><input type="checkbox"/> Sample identification on container and Chain of Custody do not agree<br><input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]<br><input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]<br><input type="checkbox"/> Broken or leaking containers (detail actions below)<br><input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate<br><input type="checkbox"/> Other discrepancies: _____ |
| <input type="checkbox"/> Container label absent  |   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]  |   |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.)   |   |
| <input type="checkbox"/> Date or Time sampled obtained from container label  |   |
| <input type="checkbox"/> Chain of Custody missing sampler's name   |   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)   |   |
| <input type="checkbox"/> Missing relinquished information: signature date time   |   |

Detail to discrepancies/comments:

Completed by: mws Date Completed: 5-9-14

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

118559

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: 5.. eoc

VOC's

Cooler 11 of 13 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3574 / Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: 5 / 9 / 14 14 : 25

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_  
 Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice / Melted Ice Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 0.0 Corrected Reading (°C) 0.6

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |  |
|--|--|
| <input type="checkbox"/> Chain of Custody not present - information taken from:<br>Cover Letter <input type="checkbox"/> Container <input type="checkbox"/><br>PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/> | <input type="checkbox"/> Sample excluded from Chain of Custody<br><input type="checkbox"/> Sample listed on Chain of Custody, not received<br><input type="checkbox"/> Sample identification on container and Chain of Custody do not agree<br><input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]<br><input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br><small>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]</small> |
| <input type="checkbox"/> Container label absent  | <input type="checkbox"/> Broken or leaking containers (detail actions below)   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]  | <input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate  |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.)   | <input type="checkbox"/> Other discrepancies: _____  |
| <input type="checkbox"/> Date or Time sampled obtained from container label  |  |
| <input type="checkbox"/> Chain of Custody missing sampler's name   |  |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)   |  |
| <input type="checkbox"/> Missing relinquished information: signature date time   |  |

Detail to discrepancies/comments:

Completed by: mws Date Completed: 5-9-14

Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )

CAS Order No.: 118559

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: 50005

ICYN 1651A

Cooler 12 of 13 for this CAS Order No.

Cooler Identification: CAS Cooler #: 0000 / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 5 / 9 / 14 14:25

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice / Melted Ice Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 1.7 Corrected Reading (°C) 2.3

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: ✓✓✓ Thermo. Correction Factor (°C): 0.16

Evidence of Cooling and date received = date sampled  
*mws 5-9-14*

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:        | <input type="checkbox"/> Sample excluded from Chain of Custody  |
| Cover Letter <input type="checkbox"/> Container <input type="checkbox"/>               | <input type="checkbox"/> Sample listed on Chain of Custody, not received  |
| PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/>                    | <input type="checkbox"/> Sample identification on container and Chain of Custody do not agree   |
| <input type="checkbox"/> Container label absent  | <input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]                | <input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.] |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.) | <input type="checkbox"/> Broken or leaking containers (detail actions below)  |
| <input type="checkbox"/> Date or Time sampled obtained from container label            | <input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate   |
| <input type="checkbox"/> Chain of Custody missing sampler's name                       | <input type="checkbox"/> Other discrepancies: _____   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)                 |   |
| <input type="checkbox"/> Missing relinquished information: signature date time         |   |

Detail to discrepancies/comments:

Completed by: mws

Date Completed: 5-9-14

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

18559

Client Name: oxy

CAS File No.:

7775

Sample ID's in cooler: 500000

164A 15-54

Cooler 13 of 13 for this CAS Order No.

Cooler Identification: CAS Cooler #: \_\_\_\_\_ / Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: 5 / 9 / 14 14 : 25

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent:  Seal No: \_\_\_\_\_  
 Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice  Melted Ice  Bubble  Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 0.9 Corrected Reading (°C) 1.5

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.1

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:<br>Cover Letter <input type="checkbox"/> Container <input type="checkbox"/><br>PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/> | <input type="checkbox"/> Sample excluded from Chain of Custody<br><input type="checkbox"/> Sample listed on Chain of Custody, not received<br><input type="checkbox"/> Sample identification on container and Chain of Custody do not agree<br><input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]<br><input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.] |
| <input type="checkbox"/> Container label absent  | <input type="checkbox"/> Broken or leaking containers (detail actions below)  |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]  | <input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate   |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.)   | <input type="checkbox"/> Other discrepancies: _____   |
| <input type="checkbox"/> Date or Time sampled obtained from container label  |   |
| <input type="checkbox"/> Chain of Custody missing sampler's name   |   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)   |   |
| <input type="checkbox"/> Missing relinquished information: signature date time   |   |

Detail to discrepancies/comments:

Completed by: mws

Date Completed: 5-9-14

06/03/2014

Page: 1

Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date and Time Received: 05/12/2014 1645  
 Continental File No.: 7775  
 Continental Order No.: 118573  
 Purchase Auth: GSH00009; CRA#42407

Dear Ms. Blair:

This laboratory report, containing the samples indicated below, includes 89 pages for the analytical report, 3 page(s) for the chain of custody and/or analysis request, and 15 page(s) for the sample receipt form.

| <u>CAS LAB ID #</u> | <u>SAMPLE DESCRIPTION</u> | <u>SAMPLE TYPE</u> | <u>DATE SAMPLED</u> |
|---------------------|---------------------------|--------------------|---------------------|
| 14050852            | WG-05092014-AK-MW21S3     | Liquid             | 5/9/2014            |
| 14050853            | WG-05092014-AK-MW21S1     | Liquid             | 5/9/2014            |
| 14050854            | WG-05092014-AK-MW142S2/S3 | Liquid             | 5/9/2014            |
| 14050855            | WG-05092014-AK-MW139S2/S3 | Liquid             | 5/9/2014            |
| 14050856            | WG-05102014-AK-AMW102D    | Liquid             | 5/10/2014           |
| 14050857            | WG-05102014-AK-MW26S3     | Liquid             | 5/10/2014           |
| 14050858            | WG-05102014-AK-MW26S1     | Liquid             | 5/10/2014           |
| 14050859            | WG-05102014-AK-APMW302S3  | Liquid             | 5/10/2014           |
| 14050860            | WG-05102014-AK-APMW302S2  | Liquid             | 5/10/2014           |
| 14050861            | WG-05102014-AK-APMW302S1  | Liquid             | 5/10/2014           |
| 14050862            | WG-05092014-JR-MW29S2     | Liquid             | 5/9/2014            |
| 14050863            | WG-05102014-JR-MW17S1     | Liquid             | 5/10/2014           |
| 14050864            | WG-05102014-JR-MW17S3A    | Liquid             | 5/10/2014           |
| 14050865            | WG-05102014-JR-MW17S3B    | Liquid             | 5/10/2014           |
| 14050866            | WG-05102014-JR-MW06S3     | Liquid             | 5/10/2014           |
| 14050867            | WG-05102014-JR-MW06S1     | Liquid             | 5/10/2014           |
| 14050868            | WG-05112014-JR-MW08S2     | Liquid             | 5/11/2014           |
| 14050869            | WG-05112014-JR-MW08S1     | Liquid             | 5/11/2014           |
| 14050870            | WG-05112014-JR-MW08S3     | Liquid             | 5/11/2014           |
| 14050871            | WG-05112014-JR-MW30S3     | Liquid             | 5/11/2014           |
| 14050872            | WG-05112014-JR-MW30S1     | Liquid             | 5/11/2014           |
| 14050873            | WG-05112014-AK-AMW16D     | Liquid             | 5/11/2014           |
| 14050874            | WG-05112014-AK-AMW16S     | Liquid             | 5/11/2014           |
| 14050875            | WG-05112014-AK-AMW4D      | Liquid             | 5/11/2014           |
| 14050876            | WG-05112014-AK-AMW4S      | Liquid             | 5/11/2014           |
| 14050877            | WG-05112014-AK-AMW8D      | Liquid             | 5/11/2014           |
| 14050878            | WG-05112014-AK-AMW8S      | Liquid             | 5/11/2014           |
| 14050879            | WG-05112014-AK-FD4        | Liquid             | 5/11/2014           |
| 14050880            | WG-05122014-JR-AMW101D    | Liquid             | 5/12/2014           |
| 14050881            | WG-05122014-JR-MW138S2S3  | Liquid             | 5/12/2014           |
| 14050882            | WG-05122014-JR-MW138S1    | Liquid             | 5/12/2014           |
| 14050883            | TB-05122014-JR            | Liquid             | 5/12/2014           |
| 14050885            | WG-05092014-JR-MW143S2S3  | Liquid             | 5/9/2014            |



525 N. Eighth St. - Salina, KS 67401  
 785-827-1273 800-535-3076 Fax 785-823-7830  
 KDHE Environmental Laboratory Accreditation No. E-10146



The Appendix and Quality Control sections are integral parts of this laboratory report and may contain important data qualifiers.

All results are reported on a wet weight basis unless otherwise stated.

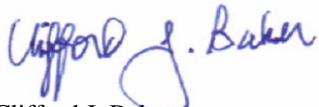
Samples will be retained for thirty days unless Continental is otherwise notified.

Continental is accredited by the State of Kansas through the National Environmental Laboratory Accreditation Program (NELAP). The results contained in this report were obtained using Continental's Standard Operating Procedures. These procedures are in substantial compliance with the approved methods referenced and the standards published by NELAP unless otherwise noted in the Appendix and Quality Control sections of this report.

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Thank you for choosing Continental for this project.

CONTINENTAL ANALYTICAL SERVICES, INC.



Clifford J. Baker  
Technical Manager



525 N. Eighth St. - Salina, KS 67401  
785-827-1273 800-535-3076 Fax 785-823-7830  
KDHE Environmental Laboratory Accreditation No. E-10146



## Sample Results

Page: 3

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050852

Sample Description: WG-05092014-AK-MW21S3

Date Sampled: 05/09/2014  
 Time Sampled: 1330

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/21          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/21          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/25          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/25          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/25          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/25          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/25          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/25          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/25          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/337         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Carbon tetrachloride           | 8.8                       | µg/L                      | 7348/246         |                    |                |                  |
| Chloroform                     | 0.6                       | µg/L                      | 7348/246         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Hardness (Calculated)          | 290.                      | mg/L as CaCO <sub>3</sub> | 7157/883         |                    |                |                  |
| Chloride                       | 97                        | mg/L                      | 7276/278         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/15/14 1600             | 05/26/14 0634             | 140515-4         | 1NX5146            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

Page: 4

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/15/14 1600             | 05/26/14 0634             | 140515-4        | 1NX5146            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/15/14 1030             | 05/22/14 2147             | 140515-1        | 2EX3142            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/15/14 1400             | 05/27/14 1328             | 140515-3        | 1MS6147            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 1919             | 1MS5133         | 1MS5133            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0817             | 05/20/14 1510             | 140515-3        | 7IP4140            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/14/14 2229             | IIC1134         | 4IC1134            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050852

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## Sample Results

Page: 5

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050853

Sample Description: WG-05092014-AK-MW21S1

Date Sampled: 05/09/2014  
 Time Sampled: 1400

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/21          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/21          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/25          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/25          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/25          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/25          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/25          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/25          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/25          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/337         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Carbon tetrachloride           | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Chloroform                     | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Hardness (Calculated)          | 948                       | mg/L as CaCO <sub>3</sub> | 7157/883         |                    |                |                  |
| Chloride                       | 1400                      | mg/L                      | 7276/278         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/15/14 1600             | 05/26/14 0714             | 140515-4         | 1NX5146            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/15/14 1600             | 05/26/14 0714             | 140515-4        | 1NX5146            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/15/14 1030             | 05/22/14 2229             | 140515-1        | 2EX3142            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/15/14 1400             | 05/27/14 1413             | 140515-3        | 1MS6147            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 1945             | 1MS5133         | 1MS5133            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0817             | 05/20/14 1514             | 140515-3        | 7IP4140            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/14/14 2241             | IIC1134         | 4IC1134            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050853

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## Sample Results

Page: 7

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050854

Sample Description: WG-05092014-AK-MW142S2/S3

Date Sampled: 05/09/2014  
 Time Sampled: 1515

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/22          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/22          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/25          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/25          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/25          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/25          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/25          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/25          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/25          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/337         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/337         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/337         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/337         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/337         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/337         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/337         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/337         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/337         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/246         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/246         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/246         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7348/246         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7348/246         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/246         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/246         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/246         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/246         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/246         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/246         |
| Hardness (Calculated)          | 211                  | mg/L as CaCO <sub>3</sub> | 7157/883         |
| Chloride                       | 20.7                 | mg/L                      | 7276/278         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/15/14 1600             | 05/27/14 1652             | 140515-4        | 1NX5147            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/15/14 1600             | 05/27/14 1652             | 140515-4        | 1NX5147            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/15/14 1030             | 05/22/14 2311             | 140515-1        | 2EX3142            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/15/14 1400             | 05/27/14 1458             | 140515-3        | 1MS6147            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 2011             | 1MS5133         | 1MS5133            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0817             | 05/20/14 1519             | 140515-3        | 7IP4140            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/14/14 2253             | IIC1134         | 4IC1134            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050854

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## Sample Results

Page: 9

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050855

Sample Description: WG-05092014-AK-MW139S2/S3

Date Sampled: 05/09/2014  
 Time Sampled: 1605

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/22          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/22          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/25          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/25          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/25          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/25          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/25          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/25          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/25          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/337         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Carbon tetrachloride           | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Chloroform                     | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Hardness (Calculated)          | 522                       | mg/L as CaCO <sub>3</sub> | 7157/883         |                    |                |                  |
| Chloride                       | 238                       | mg/L                      | 7276/278         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/15/14 1600             | 05/27/14 1731             | 140515-4         | 1NX5147            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

Page: 10

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/15/14 1600             | 05/27/14 1731             | 140515-4        | 1NX5147            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/15/14 1030             | 05/22/14 2353             | 140515-1        | 2EX3142            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/15/14 1400             | 05/27/14 1543             | 140515-3        | 1MS6147            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 2037             | 1MS5133         | 1MS5133            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0817             | 05/20/14 1523             | 140515-3        | 7IP4140            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/14/14 2306             | IIC1134         | 4IC1134            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050855

## Sample Results

Page: 11

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050856

Sample Description: WG-05102014-AK-AMW102D

Date Sampled: 05/10/2014  
 Time Sampled: 1030

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/22          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/22          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/25          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/25          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/25          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/25          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/25          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/25          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/25          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/337         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/337         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Carbon tetrachloride           | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Chloroform                     | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Hardness (Calculated)          | 347                       | mg/L as CaCO <sub>3</sub> | 7157/883         |                    |                |                  |
| Chloride                       | 93                        | mg/L                      | 7276/278         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/15/14 1600             | 05/27/14 1810             | 140515-4         | 1NX5147            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

Page: 12

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/15/14 1600             | 05/27/14 1810             | 140515-4        | 1NX5147            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/15/14 1030             | 05/23/14 0035             | 140515-1        | 2EX3142            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/15/14 1400             | 05/27/14 1628             | 140515-3        | 1MS6147            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 2103             | 1MS5133         | 1MS5133            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0817             | 05/20/14 1527             | 140515-3        | 7IP4140            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/14/14 2318             | IIC1134         | 4IC1134            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050856

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050857

Sample Description: WG-05102014-AK-MW26S3

Date Sampled: 05/10/2014  
 Time Sampled: 1205

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/22          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/22          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | 0.029                     | µg/L                      | 7409/25          |                    |                |                  |
| B-BHC                          | 0.071                     | µg/L                      | 7409/25          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/25          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/25          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/25          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/25          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/25          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/338         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Carbon tetrachloride           | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Chloroform                     | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Hardness (Calculated)          | 607                       | mg/L as CaCO <sub>3</sub> | 7157/883         |                    |                |                  |
| Chloride                       | 201                       | mg/L                      | 7276/278         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/15/14 1600             | 05/27/14 1850             | 140515-4         | 1NX5147            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/15/14 1600             | 05/27/14 1850             | 140515-4        | 1NX5147            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/15/14 1030             | 05/23/14 0117             | 140515-1        | 2EX3142            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/15/14 1400             | 05/28/14 0752             | 140515-3        | 1MS6148            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 2128             | 1MS5133         | 1MS5133            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0817             | 05/20/14 1531             | 140515-3        | 7IP4140            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/14/14 2330             | IIC1134         | 4IC1134            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050857

## Sample Results

Page: 15

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050858  
 Sample Description: WG-05102014-AK-MW26S1

Date Sampled: 05/10/2014  
 Time Sampled: 1355

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/22          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/22          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/25          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/25          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/25          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/25          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/25          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/25          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/25          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/338         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/338         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/338         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/338         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/338         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/338         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/338         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/338         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/338         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/246         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/246         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/246         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7348/246         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7348/246         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/246         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/246         |
| Tetrachloroethylene            | 4.4                  | µg/L                      | 7348/246         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/246         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/246         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/246         |
| Hardness (Calculated)          | 385                  | mg/L as CaCO <sub>3</sub> | 7157/883         |
| Chloride                       | 111                  | mg/L                      | 7276/278         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/15/14 1600             | 05/27/14 1929             | 140515-4        | 1NX5147            | JMM            | 8151A(M)         |

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## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/15/14 1600             | 05/27/14 1929             | 140515-4        | 1NX5147            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/15/14 1030             | 05/23/14 0159             | 140515-1        | 2EX3142            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/15/14 1400             | 05/28/14 0836             | 140515-3        | 1MS6148            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 2154             | 1MS5133         | 1MS5133            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0817             | 05/20/14 1536             | 140515-3        | 7IP4140            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/15/14 0550             | 2IC1134         | 7IC1134            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050858

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050859

Sample Description: WG-05102014-AK-APMW302S3

Date Sampled: 05/10/2014  
 Time Sampled: 1545

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/22          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/22          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/25          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/25          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/25          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/25          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/25          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/25          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/25          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/338         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Carbon tetrachloride           | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Chloroform                     | 1.5                       | µg/L                      | 7348/246         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Tetrachloroethylene            | 1.6                       | µg/L                      | 7348/246         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Hardness (Calculated)          | 294                       | mg/L as CaCO <sub>3</sub> | 7157/883         |                    |                |                  |
| Chloride                       | 43.7                      | mg/L                      | 7276/278         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/15/14 1600             | 05/27/14 2008             | 140515-4         | 1NX5147            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/15/14 1600             | 05/27/14 2008             | 140515-4        | 1NX5147            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/15/14 1030             | 05/23/14 0405             | 140515-1        | 3EX3142            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/15/14 1400             | 05/28/14 0920             | 140515-3        | 1MS6148            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 2220             | 1MS5133         | 1MS5133            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0817             | 05/20/14 1540             | 140515-3        | 7IP4140            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/15/14 0602             | 2IC1134         | 7IC1134            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050859

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## Sample Results

Page: 19

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050860

Sample Description: WG-05102014-AK-APMW302S2

Date Sampled: 05/10/2014  
 Time Sampled: 1650

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/22          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/22          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/25          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/25          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/25          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/25          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/25          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/25          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/25          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/338         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/338         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/338         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/338         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/338         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/338         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/338         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/338         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/338         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/246         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/246         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/246         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7348/246         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7348/246         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/246         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/246         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/246         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/246         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/246         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/246         |
| Hardness (Calculated)          | 303                  | mg/L as CaCO <sub>3</sub> | 7157/883         |
| Chloride                       | 43.0                 | mg/L                      | 7276/278         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/15/14 1600             | 05/27/14 2047             | 140515-4        | 1NX5147            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/15/14 1600             | 05/27/14 2047             | 140515-4        | 1NX5147            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/15/14 1030             | 05/23/14 0447             | 140515-1        | 3EX3142            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/15/14 1400             | 05/28/14 1005             | 140515-3        | 1MS6148            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 2246             | 1MS5133         | 1MS5133            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0817             | 05/20/14 1604             | 140515-3        | 8IP4140            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/15/14 0614             | 2IC1134         | 7IC1134            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050860

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050861

Sample Description: WG-05102014-AK-APMW302S1

Date Sampled: 05/10/2014  
 Time Sampled: 1715

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/22          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/22          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/25          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/25          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/25          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/25          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/25          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/25          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/25          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/338         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Carbon tetrachloride           | 25.5                      | µg/L                      | 7348/246         |                    |                |                  |
| Chloroform                     | 32.7                      | µg/L                      | 7348/246         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Tetrachloroethylene            | 8.1                       | µg/L                      | 7348/246         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Hardness (Calculated)          | 303                       | mg/L as CaCO <sub>3</sub> | 7157/883         |                    |                |                  |
| Chloride                       | 59                        | mg/L                      | 7276/278         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/15/14 1600             | 05/27/14 2126             | 140515-4         | 1NX5147            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/15/14 1600             | 05/27/14 2126             | 140515-4        | 1NX5147            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/15/14 1030             | 05/23/14 0528             | 140515-1        | 3EX3142            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/15/14 1400             | 05/28/14 1049             | 140515-3        | 1MS6148            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 2312             | 1MS5133         | 1MS5133            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0817             | 05/20/14 1609             | 140515-3        | 8IP4140            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/15/14 0627             | 2IC1134         | 7IC1134            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050861

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050862  
 Sample Description: WG-05092014-JR-MW29S2

Date Sampled: 05/09/2014  
 Time Sampled: 1525

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/22          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/22          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | 0.371                     | µg/L                      | 7409/25          |                    |                |                  |
| B-BHC                          | 1.91                      | µg/L                      | 7409/25          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/25          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/25          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/25          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/25          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/25          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 3-& 4-Chlorophenol             | 7.8                       | µg/L                      | 7326/338         |                    |                |                  |
| 2,4-Dichlorophenol             | 72.9                      | µg/L                      | 7326/338         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,6-Dichlorophenol             | 20.9                      | µg/L                      | 7326/338         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,4,6-Trichlorophenol          | 11.1                      | µg/L                      | 7326/338         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/338         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(2)                     | µg/L                      | 7348/246         |                    |                |                  |
| 1,2-Dichloroethane             | 90.8                      | µg/L                      | 7348/246         |                    |                |                  |
| Benzene                        | 59.8                      | µg/L                      | 7348/246         |                    |                |                  |
| Carbon tetrachloride           | ND(2)                     | µg/L                      | 7348/246         |                    |                |                  |
| Chloroform                     | ND(2)                     | µg/L                      | 7348/246         |                    |                |                  |
| Chloromethane                  | ND(2)                     | µg/L                      | 7348/246         |                    |                |                  |
| Methylene chloride             | ND(2)                     | µg/L                      | 7348/246         |                    |                |                  |
| Tetrachloroethylene            | 11                        | µg/L                      | 7348/246         |                    |                |                  |
| Trichloroethylene              | 40.                       | µg/L                      | 7348/246         |                    |                |                  |
| Vinyl chloride                 | ND(2)                     | µg/L                      | 7348/246         |                    |                |                  |
| 1,2-Dichloropropane            | ND(2)                     | µg/L                      | 7348/246         |                    |                |                  |
| Hardness (Calculated)          | 1830                      | mg/L as CaCO <sub>3</sub> | 7157/885         |                    |                |                  |
| Chloride                       | 4300                      | mg/L                      | 7276/278         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/15/14 1600             | 05/27/14 2205             | 140515-4         | 1NX5147            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/15/14 1600             | 05/27/14 2205             | 140515-4        | 1NX5147            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/15/14 1030             | 05/23/14 0610             | 140515-1        | 3EX3142            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/15/14 1400             | 05/28/14 1133             | 140515-3        | 1MS6148            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 2337             | 1MS5133         | 1MS5133            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0817             | 05/21/14 1732             | 140515-3        | 5IP4141            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/15/14 0639             | 2IC1134         | 7IC1134            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050862

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## Sample Results

Page: 25

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050863  
 Sample Description: WG-05102014-JR-MW17S1

Date Sampled: 05/10/2014  
 Time Sampled: 1025

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/22          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/22          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/25          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/25          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/25          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/25          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/25          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/25          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/25          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/338         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Carbon tetrachloride           | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Chloroform                     | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7348/246         |                    |                |                  |
| Hardness (Calculated)          | 377                       | mg/L as CaCO <sub>3</sub> | 7157/883         |                    |                |                  |
| Chloride                       | 23.2                      | mg/L                      | 7276/278         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/15/14 1600             | 05/27/14 2324             | 140515-4         | 2NX5147            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/15/14 1600             | 05/27/14 2324             | 140515-4        | 2NX5147            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/15/14 1030             | 05/23/14 0652             | 140515-1        | 3EX3142            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/15/14 1400             | 05/28/14 1218             | 140515-3        | 1MS6148            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/14/14 0003             | 1MS5133         | 1MS5133            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0817             | 05/20/14 1617             | 140515-3        | 8IP4140            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/15/14 0651             | 2IC1134         | 7IC1134            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050863

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050864  
 Sample Description: WG-05102014-JR-MW17S3A

Date Sampled: 05/10/2014  
 Time Sampled: 1105

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/22          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/22          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/25          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/25          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/25          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/25          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/25          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/25          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/25          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/338         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/338         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/338         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/338         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/338         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/338         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/338         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/338         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/338         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/246         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/246         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/246         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7348/246         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7348/246         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/246         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/246         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/246         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/246         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/246         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/246         |
| Hardness (Calculated)          | 254                  | mg/L as CaCO <sub>3</sub> | 7157/883         |
| Chloride                       | 25.5                 | mg/L                      | 7276/278         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/15/14 1600             | 05/28/14 0003             | 140515-4        | 2NX5147            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/15/14 1600             | 05/28/14 0003             | 140515-4        | 2NX5147            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/15/14 1030             | 05/23/14 0734             | 140515-1        | 3EX3142            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/15/14 1400             | 05/28/14 1303             | 140515-3        | 1MS6148            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/14/14 0029             | 1MS5133         | 1MS5133            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0817             | 05/20/14 1621             | 140515-3        | 8IP4140            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/15/14 0703             | 2IC1134         | 7IC1134            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050864

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050865

Sample Description: WG-05102014-JR-MW17S3B

Date Sampled: 05/10/2014  
 Time Sampled: 1135

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/22          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/22          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/26          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/26          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/26          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/26          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/26          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/26          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/26          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/338         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/338         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Carbon tetrachloride           | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Chloroform                     | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Hardness (Calculated)          | 411                       | mg/L as CaCO <sub>3</sub> | 7157/883         |                    |                |                  |
| Chloride                       | 18.2                      | mg/L                      | 7276/278         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/15/14 1600             | 05/28/14 0042             | 140515-4         | 2NX5147            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/15/14 1600             | 05/28/14 0042             | 140515-4        | 2NX5147            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/16/14 1000             | 05/29/14 1351             | 140516-2        | 1EX3149            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/15/14 1400             | 05/28/14 1348             | 140515-3        | 1MS6148            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 1715             | 1MS9133         | 1MS9133            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0817             | 05/20/14 1626             | 140515-3        | 8IP4140            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/15/14 0716             | 2IC1134         | 7IC1134            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050865

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050866  
 Sample Description: WG-05102014-JR-MW06S3

Date Sampled: 05/10/2014  
 Time Sampled: 1410

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/25          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/25          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/26          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/26          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/26          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/26          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/26          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/26          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/26          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/338         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/338         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/338         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/338         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/338         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/338         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/338         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/338         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/338         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7350/179         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7350/179         |
| Benzene                        | ND(0.5)              | µg/L                      | 7350/179         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7350/179         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7350/179         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7350/179         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7350/179         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7350/179         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7350/179         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7350/179         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7350/179         |
| Hardness (Calculated)          | 326                  | mg/L as CaCO <sub>3</sub> | 7157/883         |
| Chloride                       | 197                  | mg/L                      | 7276/278         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/16/14 1500             | 05/29/14 2250             | 140516-3        | 2NX5149            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/16/14 1500             | 05/29/14 2250             | 140516-3        | 2NX5149            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/16/14 1000             | 05/29/14 1433             | 140516-2        | 1EX3149            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/15/14 1400             | 05/28/14 1432             | 140515-3        | 1MS6148            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 1740             | 1MS9133         | 1MS9133            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0817             | 05/20/14 1630             | 140515-3        | 8IP4140            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/15/14 0728             | 2IC1134         | 7IC1134            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050866

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050867  
 Sample Description: WG-05102014-JR-MW06S1

Date Sampled: 05/10/2014  
 Time Sampled: 1440

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/25          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/25          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/26          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/26          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/26          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/26          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/26          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/26          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/26          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/341         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/341         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/341         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/341         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/341         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/341         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/341         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/341         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/341         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7350/179         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7350/179         |
| Benzene                        | ND(0.5)              | µg/L                      | 7350/179         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7350/179         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7350/179         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7350/179         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7350/179         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7350/179         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7350/179         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7350/179         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7350/179         |
| Hardness (Calculated)          | 232                  | mg/L as CaCO <sub>3</sub> | 7157/883         |
| Chloride                       | 23.2                 | mg/L                      | 7276/278         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/16/14 1500             | 05/29/14 2329             | 140516-3        | 2NX5149            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

Page: 34

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/16/14 1500             | 05/29/14 2329             | 140516-3        | 2NX5149            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/16/14 1000             | 05/29/14 1515             | 140516-2        | 1EX3149            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/16/14 1200             | 05/29/14 1317             | 140516-1        | 1MS6149            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 1805             | 1MS9133         | 1MS9133            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0817             | 05/20/14 1642             | 140515-3        | 9IP4140            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/15/14 0740             | 2IC1134         | 7IC1134            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050867

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## Sample Results

Page: 35

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050868  
 Sample Description: WG-05112014-JR-MW08S2

Date Sampled: 05/11/2014  
 Time Sampled: 0950

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/22          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/22          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | 0.060 B              | µg/L                      | 7409/26          |
| B-BHC                          | 0.536                | µg/L                      | 7409/26          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/26          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/26          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/26          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/26          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/26          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/341         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/341         |
| 2,4-Dichlorophenol             | ND(5.0) QC           | µg/L                      | 7326/341         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/341         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/341         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/341         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/341         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/341         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/341         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7350/179         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7350/179         |
| Benzene                        | ND(0.5)              | µg/L                      | 7350/179         |
| Carbon tetrachloride           | 15.2                 | µg/L                      | 7350/179         |
| Chloroform                     | 19.0                 | µg/L                      | 7350/179         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7350/179         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7350/179         |
| Tetrachloroethylene            | 4.0                  | µg/L                      | 7350/179         |
| Trichloroethylene              | 4.1                  | µg/L                      | 7350/179         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7350/179         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7350/179         |
| Hardness (Calculated)          | 712                  | mg/L as CaCO <sub>3</sub> | 7157/883         |
| Chloride                       | 620                  | mg/L                      | 7276/280         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/15/14 1600             | 05/28/14 0121             | 140515-4        | 2NX5147            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/15/14 1600             | 05/28/14 0121             | 140515-4        | 2NX5147            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/16/14 1000             | 05/29/14 1558             | 140516-2        | 1EX3149            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/16/14 1200             | 05/29/14 1402             | 140516-1        | 1MS6149            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 1830             | 1MS9133         | 1MS9133            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0845             | 05/20/14 1655             | 140515-4        | 9IP4140            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/20/14 1628             | IIC1140         | IIC1140            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050868

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## Sample Results

Page: 37

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050869  
 Sample Description: WG-05112014-JR-MW08S1

Date Sampled: 05/11/2014  
 Time Sampled: 1100

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | 12                   | µg/L                      | 7411/26          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/25          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | 0.046 B              | µg/L                      | 7409/26          |
| B-BHC                          | 0.717                | µg/L                      | 7409/26          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/26          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/26          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/26          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/26          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/26          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/341         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/341         |
| 2,4-Dichlorophenol             | 138                  | µg/L                      | 7326/341         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/341         |
| 2,6-Dichlorophenol             | 87.5                 | µg/L                      | 7326/341         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/341         |
| 2,4,6-Trichlorophenol          | 20.1                 | µg/L                      | 7326/341         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/341         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/341         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7350/179         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7350/179         |
| Benzene                        | ND(0.5)              | µg/L                      | 7350/179         |
| Carbon tetrachloride           | 5.1                  | µg/L                      | 7350/179         |
| Chloroform                     | 16.7                 | µg/L                      | 7350/179         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7350/179         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7350/179         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7350/179         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7350/179         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7350/179         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7350/179         |
| Hardness (Calculated)          | 917                  | mg/L as CaCO <sub>3</sub> | 7157/883         |
| Chloride                       | 1310                 | mg/L                      | 7276/280         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/16/14 1500             | 05/31/14 0652             | 140516-3        | 3NX5150            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/16/14 1500             | 05/30/14 0008             | 140516-3        | 2NX5149            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/16/14 1000             | 05/29/14 1804             | 140516-2        | 1EX3149            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/16/14 1200             | 05/29/14 1616             | 140516-1        | 1MS6149            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 1945             | 1MS9133         | 1MS9133            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0845             | 05/20/14 1712             | 140515-4        | 9IP4140            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/20/14 1741             | IIC1140         | 2IC1140            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050869

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050870  
 Sample Description: WG-05112014-JR-MW08S3

Date Sampled: 05/11/2014  
 Time Sampled: 1135

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/25          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/25          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | 0.054 B                   | µg/L                      | 7409/27          |                    |                |                  |
| B-BHC                          | 1.00                      | µg/L                      | 7409/27          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/27          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/27          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/27          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/27          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/27          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/341         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(2)                     | µg/L                      | 7348/247         |                    |                |                  |
| 1,2-Dichloroethane             | ND(2)                     | µg/L                      | 7348/247         |                    |                |                  |
| Benzene                        | ND(2)                     | µg/L                      | 7348/247         |                    |                |                  |
| Carbon tetrachloride           | 28                        | µg/L                      | 7348/247         |                    |                |                  |
| Chloroform                     | 18                        | µg/L                      | 7348/247         |                    |                |                  |
| Chloromethane                  | ND(2)                     | µg/L                      | 7348/247         |                    |                |                  |
| Methylene chloride             | ND(2)                     | µg/L                      | 7348/247         |                    |                |                  |
| Tetrachloroethylene            | 4                         | µg/L                      | 7348/247         |                    |                |                  |
| Trichloroethylene              | 2                         | µg/L                      | 7348/247         |                    |                |                  |
| Vinyl chloride                 | ND(2)                     | µg/L                      | 7348/247         |                    |                |                  |
| 1,2-Dichloropropane            | ND(2)                     | µg/L                      | 7348/247         |                    |                |                  |
| Hardness (Calculated)          | 607                       | mg/L as CaCO <sub>3</sub> | 7157/883         |                    |                |                  |
| Chloride                       | 650                       | mg/L                      | 7276/280         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/16/14 1500             | 05/30/14 0047             | 140516-3         | 2NX5149            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/16/14 1500             | 05/30/14 0047             | 140516-3        | 2NX5149            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/16/14 1000             | 05/30/14 1522             | 140516-2        | 1EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/16/14 1200             | 05/29/14 1700             | 140516-1        | 1MS6149            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/14/14 2322             | 1MS5134         | 1MS5134            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0845             | 05/20/14 1716             | 140515-4        | 9IP4140            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/20/14 1753             | IIC1140         | 2IC1140            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050870

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050871  
 Sample Description: WG-05112014-JR-MW30S3

Date Sampled: 05/11/2014  
 Time Sampled: 1350

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/25          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/25          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | 0.127                | µg/L                      | 7409/27          |
| B-BHC                          | 0.325                | µg/L                      | 7409/27          |
| G-BHC                          | 0.066                | µg/L                      | 7409/27          |
| Hexachloroethane               | 4.20                 | µg/L                      | 7409/27          |
| Hexachlorobutadiene            | 0.03                 | µg/L                      | 7409/27          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/27          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/27          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/341         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/341         |
| 2,4-Dichlorophenol             | 7.4                  | µg/L                      | 7326/341         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/341         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/341         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/341         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/341         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/341         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/341         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(200)              | µg/L                      | 7348/247         |
| 1,2-Dichloroethane             | ND(200)              | µg/L                      | 7348/247         |
| Benzene                        | ND(200)              | µg/L                      | 7348/247         |
| Carbon tetrachloride           | 12700                | µg/L                      | 7348/247         |
| Chloroform                     | ND(200)              | µg/L                      | 7348/247         |
| Chloromethane                  | ND(200)              | µg/L                      | 7348/247         |
| Methylene chloride             | ND(200)              | µg/L                      | 7348/247         |
| Tetrachloroethylene            | ND(200)              | µg/L                      | 7348/247         |
| Trichloroethylene              | ND(200)              | µg/L                      | 7348/247         |
| Vinyl chloride                 | ND(200)              | µg/L                      | 7348/247         |
| 1,2-Dichloropropane            | ND(200)              | µg/L                      | 7348/247         |
| Hardness (Calculated)          | 670.                 | mg/L as CaCO <sub>3</sub> | 7157/883         |
| Chloride                       | 660                  | mg/L                      | 7276/280         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/16/14 1500             | 05/30/14 0126             | 140516-3        | 2NX5149            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

Page: 42

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/16/14 1500             | 05/30/14 0126             | 140516-3        | 2NX5149            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/16/14 1000             | 05/30/14 1604             | 140516-2        | 1EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/16/14 1200             | 05/29/14 1745             | 140516-1        | 1MS6149            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/14/14 2347             | 1MS5134         | 1MS5134            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0845             | 05/20/14 1720             | 140515-4        | 9IP4140            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/20/14 1806             | IIC1140         | 2IC1140            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050871

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## Sample Results

Page: 43

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050872  
 Sample Description: WG-05112014-JR-MW30S1

Date Sampled: 05/11/2014  
 Time Sampled: 1435

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/25          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/25          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | 0.014 B                   | µg/L                      | 7409/27          |                    |                |                  |
| B-BHC                          | 0.128                     | µg/L                      | 7409/27          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/27          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/27          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/27          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/27          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/27          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/341         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Carbon tetrachloride           | 3.4                       | µg/L                      | 7350/179         |                    |                |                  |
| Chloroform                     | 4.5                       | µg/L                      | 7350/179         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Tetrachloroethylene            | 0.7                       | µg/L                      | 7350/179         |                    |                |                  |
| Trichloroethylene              | 0.5                       | µg/L                      | 7350/179         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Hardness (Calculated)          | 521                       | mg/L as CaCO <sub>3</sub> | 7157/883         |                    |                |                  |
| Chloride                       | 610                       | mg/L                      | 7276/280         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/16/14 1500             | 05/30/14 0205             | 140516-3         | 2NX5149            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/16/14 1500             | 05/30/14 0205             | 140516-3        | 2NX5149            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/16/14 1000             | 05/30/14 1646             | 140516-2        | 1EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/16/14 1200             | 05/29/14 1829             | 140516-1        | 1MS6149            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 2010             | 1MS9133         | 1MS9133            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0845             | 05/20/14 1733             | 140515-4        | 10IP4140           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/20/14 1818             | IIC1140         | 2IC1140            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050872

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050873

Sample Description: WG-05112014-AK-AMW16D

Date Sampled: 05/11/2014  
 Time Sampled: 0925

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/25          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/25          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/27          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/27          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/27          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/27          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/27          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/27          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/27          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/341         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Carbon tetrachloride           | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Chloroform                     | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Hardness (Calculated)          | 370.                      | mg/L as CaCO <sub>3</sub> | 7157/883         |                    |                |                  |
| Chloride                       | 100.                      | mg/L                      | 7276/280         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/16/14 1500             | 05/30/14 0244             | 140516-3         | 2NX5149            | JMM            | 8151A(M)         |

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## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/16/14 1500             | 05/30/14 0244             | 140516-3        | 2NX5149            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/16/14 1000             | 05/30/14 1728             | 140516-2        | 1EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/16/14 1200             | 05/29/14 1913             | 140516-1        | 1MS6149            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 2036             | 1MS9133         | 1MS9133            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0845             | 05/20/14 1737             | 140515-4        | 10IP4140           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/20/14 1830             | IIC1140         | 2IC1140            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050873

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## Sample Results

Page: 47

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050874

Sample Description: WG-05112014-AK-AMW16S

Date Sampled: 05/11/2014  
 Time Sampled: 1010

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/25          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/25          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/27          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/27          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/27          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/27          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/27          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/341         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/341         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/341         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/341         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/341         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/341         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/341         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/341         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/341         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7350/179         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7350/179         |
| Benzene                        | 1.2                  | µg/L                      | 7350/179         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7350/179         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7350/179         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7350/179         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7350/179         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7350/179         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7350/179         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7350/179         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7350/179         |
| Hardness (Calculated)          | 430.                 | mg/L as CaCO <sub>3</sub> | 7157/883         |
| Chloride                       | 139                  | mg/L                      | 7276/280         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/16/14 1500             | 05/30/14 0323             | 140516-3        | 2NX5149            | JMM            | 8151A(M)         |

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## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/16/14 1500             | 05/30/14 0323             | 140516-3        | 2NX5149            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/16/14 1000             | 05/30/14 1810             | 140516-2        | 1EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/16/14 1200             | 05/29/14 1957             | 140516-1        | 1MS6149            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 2101             | 1MS9133         | 1MS9133            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0845             | 05/20/14 1741             | 140515-4        | 10IP4140           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/20/14 1842             | IIC1140         | 2IC1140            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050874

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## Sample Results

Page: 49

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050875

Sample Description: WG-05112014-AK-AMW4D

Date Sampled: 05/11/2014  
 Time Sampled: 1055

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/25          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/25          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/27          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/27          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/27          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/27          |                    |                |                  |
| Hexachlorobutadiene            | 0.03                      | µg/L                      | 7409/27          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/27          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/27          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/341         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/341         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Carbon tetrachloride           | 1.0                       | µg/L                      | 7350/179         |                    |                |                  |
| Chloroform                     | 2.0                       | µg/L                      | 7350/179         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Tetrachloroethylene            | 7.2                       | µg/L                      | 7350/179         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7350/179         |                    |                |                  |
| Hardness (Calculated)          | 412                       | mg/L as CaCO <sub>3</sub> | 7157/883         |                    |                |                  |
| Chloride                       | 92                        | mg/L                      | 7276/280         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/16/14 1500             | 05/30/14 0402             | 140516-3         | 2NX5149            | JMM            | 8151A(M)         |

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## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/16/14 1500             | 05/30/14 0402             | 140516-3        | 2NX5149            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/16/14 1000             | 05/30/14 1852             | 140516-2        | 1EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/16/14 1200             | 05/29/14 2042             | 140516-1        | 1MS6149            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 2126             | 1MS9133         | 1MS9133            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0845             | 05/20/14 1745             | 140515-4        | 10IP4140           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/20/14 1854             | IIC1140         | 2IC1140            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050875

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## Sample Results

Page: 51

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050876  
 Sample Description: WG-05112014-AK-AMW4S

Date Sampled: 05/11/2014  
 Time Sampled: 1135

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/25          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/25          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/27          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/27          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/27          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/27          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/27          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/342         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/342         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/342         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/342         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/342         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/342         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/342         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/342         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/342         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7350/179         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7350/179         |
| Benzene                        | ND(0.5)              | µg/L                      | 7350/179         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7350/179         |
| Chloroform                     | 0.6                  | µg/L                      | 7350/179         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7350/179         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7350/179         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7350/179         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7350/179         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7350/179         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7350/179         |
| Hardness (Calculated)          | 419                  | mg/L as CaCO <sub>3</sub> | 7157/883         |
| Chloride                       | 148                  | mg/L                      | 7276/280         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/16/14 1500             | 05/30/14 0520             | 140516-3        | 3NX5149            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/16/14 1500             | 05/30/14 0520             | 140516-3        | 3NX5149            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/16/14 1000             | 05/30/14 1934             | 140516-2        | 1EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/16/14 1200             | 05/30/14 1024             | 140516-1        | 1MS6150            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 2151             | 1MS9133         | 1MS9133            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0845             | 05/20/14 1750             | 140515-4        | 10IP4140           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/20/14 1907             | IIC1140         | 2IC1140            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050876

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## Sample Results

Page: 53

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050877

Sample Description: WG-05112014-AK-AMW8D

Date Sampled: 05/11/2014  
 Time Sampled: 1340

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/25          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/25          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/27          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/27          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/27          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/27          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/27          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/342         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/342         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/342         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/342         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/342         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/342         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/342         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/342         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/342         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7350/179         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7350/179         |
| Benzene                        | ND(0.5)              | µg/L                      | 7350/179         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7350/179         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7350/179         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7350/179         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7350/179         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7350/179         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7350/179         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7350/179         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7350/179         |
| Hardness (Calculated)          | 356                  | mg/L as CaCO <sub>3</sub> | 7157/883         |
| Chloride                       | 109                  | mg/L                      | 7276/280         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/16/14 1500             | 05/30/14 0559             | 140516-3        | 3NX5149            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/16/14 1500             | 05/30/14 0559             | 140516-3        | 3NX5149            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/16/14 1000             | 05/30/14 2016             | 140516-2        | 1EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/16/14 1200             | 05/30/14 1108             | 140516-1        | 1MS6150            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 2216             | 1MS9133         | 1MS9133            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0845             | 05/20/14 1754             | 140515-4        | 10IP4140           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/20/14 1956             | IIC1140         | 3IC1140            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050877

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050878  
 Sample Description: WG-05112014-AK-AMW8S

Date Sampled: 05/11/2014  
 Time Sampled: 1455

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/25          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/25          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/27          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/27          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/27          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/27          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/27          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/342         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/342         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/342         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/342         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/342         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/342         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/342         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/342         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/342         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7350/179         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7350/179         |
| Benzene                        | 5.6                  | µg/L                      | 7350/179         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7350/179         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7350/179         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7350/179         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7350/179         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7350/179         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7350/179         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7350/179         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7350/179         |
| Hardness (Calculated)          | 309                  | mg/L as CaCO <sub>3</sub> | 7157/883         |
| Chloride                       | 122                  | mg/L                      | 7276/280         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/16/14 1500             | 05/30/14 0638             | 140516-3        | 3NX5149            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/16/14 1500             | 05/30/14 0638             | 140516-3        | 3NX5149            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/16/14 1000             | 05/30/14 2221             | 140516-2        | 2EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/16/14 1200             | 05/30/14 1153             | 140516-1        | 1MS6150            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 2241             | 1MS9133         | 1MS9133            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0845             | 05/20/14 1758             | 140515-4        | 10IP4140           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/20/14 2008             | IIC1140         | 3IC1140            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050878

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050879  
 Sample Description: WG-05112014-AK-FD4

Date Sampled: 05/11/2014  
 Time Sampled: 0000

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/25          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/25          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/27          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/27          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/27          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobutadiene            | 0.03                 | µg/L                      | 7409/27          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/27          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/27          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/342         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/342         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/342         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/342         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/342         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/342         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/342         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/342         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/342         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7350/179         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7350/179         |
| Benzene                        | ND(0.5)              | µg/L                      | 7350/179         |
| Carbon tetrachloride           | 0.8                  | µg/L                      | 7350/179         |
| Chloroform                     | 1.9                  | µg/L                      | 7350/179         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7350/179         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7350/179         |
| Tetrachloroethylene            | 6.7                  | µg/L                      | 7350/179         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7350/179         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7350/179         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7350/179         |
| Hardness (Calculated)          | 413                  | mg/L as CaCO <sub>3</sub> | 7157/883         |
| Chloride                       | 92                   | mg/L                      | 7276/280         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/16/14 1500             | 05/30/14 0717             | 140516-3        | 3NX5149            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

Page: 58

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/16/14 1500             | 05/30/14 0717             | 140516-3        | 3NX5149            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/16/14 1000             | 05/30/14 2303             | 140516-2        | 2EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/16/14 1200             | 05/30/14 1237             | 140516-1        | 1MS6150            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 2306             | 1MS9133         | 1MS9133            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0845             | 05/20/14 1802             | 140515-4        | 10IP4140           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/20/14 2020             | IIC1140         | 3IC1140            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050879

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## Sample Results

Page: 59

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050880

Date Sampled: 05/12/2014  
 Time Sampled: 0945

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/25          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/25          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/27          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/27          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/27          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/27          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/27          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/342         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/342         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/342         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/342         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/342         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/342         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/342         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/342         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/342         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7350/179         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7350/179         |
| Benzene                        | ND(0.5)              | µg/L                      | 7350/179         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7350/179         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7350/179         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7350/179         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7350/179         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7350/179         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7350/179         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7350/179         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7350/179         |
| Hardness (Calculated)          | 373                  | mg/L as CaCO <sub>3</sub> | 7157/883         |
| Chloride                       | 79                   | mg/L                      | 7276/280         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/16/14 1500             | 05/30/14 0757             | 140516-3        | 3NX5149            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/16/14 1500             | 05/30/14 0757             | 140516-3        | 3NX5149            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/19/14 0800             | 05/31/14 0520             | 140519-1        | 2EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/16/14 1200             | 05/30/14 1322             | 140516-1        | 1MS6150            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 2331             | 1MS9133         | 1MS9133            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0845             | 05/20/14 1807             | 140515-4        | 10IP4140           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/20/14 2032             | IIC1140         | 3IC1140            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050880

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050881

Date Sampled: 05/12/2014  
 Time Sampled: 1045

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/25          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/25          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/27          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/27          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/27          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/27          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/27          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/342         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/342         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/342         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/342         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/342         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/342         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/342         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/342         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/342         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7350/179         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7350/179         |
| Benzene                        | ND(0.5)              | µg/L                      | 7350/179         |
| Carbon tetrachloride           | 2.0                  | µg/L                      | 7350/179         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7350/179         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7350/179         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7350/179         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7350/179         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7350/179         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7350/179         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7350/179         |
| Hardness (Calculated)          | 279                  | mg/L as CaCO <sub>3</sub> | 7157/883         |
| Chloride                       | 71                   | mg/L                      | 7276/280         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/16/14 1500             | 05/30/14 0836             | 140516-3        | 3NX5149            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/16/14 1500             | 05/30/14 0836             | 140516-3        | 3NX5149            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/19/14 0800             | 05/31/14 0644             | 140519-1        | 3EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/16/14 1200             | 05/30/14 1406             | 140516-1        | 1MS6150            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/13/14 2356             | 1MS9133         | 1MS9133            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0845             | 05/20/14 1811             | 140515-4        | 10IP4140           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/20/14 2045             | IIC1140         | 3IC1140            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050881

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050882

Sample Description: WG-05122014-JR-MW138S1

Date Sampled: 05/12/2014  
 Time Sampled: 1125

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/26          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/26          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/27          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/27          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/27          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/27          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/27          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/345         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/345         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/345         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/345         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/345         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7350/179         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7350/179         |
| Benzene                        | ND(0.5)              | µg/L                      | 7350/179         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7350/179         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7350/179         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7350/179         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7350/179         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7350/179         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7350/179         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7350/179         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7350/179         |
| Hardness (Calculated)          | 246                  | mg/L as CaCO <sub>3</sub> | 7157/883         |
| Chloride                       | 33.0                 | mg/L                      | 7276/280         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/19/14 1630             | 05/30/14 1633             | 140519-6        | 1NX5150            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/19/14 1630             | 05/30/14 1633             | 140519-6        | 1NX5150            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/19/14 0800             | 05/31/14 0726             | 140519-1        | 3EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/19/14 1030             | 05/30/14 2149             | 140519-2        | 3MS6150            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/14/14 0021             | 1MS9133         | 1MS9133            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0845             | 05/20/14 1823             | 140515-4        | 11IP4140           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/20/14 2057             | IIC1140         | 3IC1140            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050882

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## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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Lab Number: 14050883  
Sample Description: TB-05122014-JR

Date Sampled: 05/12/2014  
Time Sampled: 1400

| <u>Analysis</u>                      | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u>        |
|--------------------------------------|---------------------------|---------------------------|-------------------------|
| OXY Volatiles by 8260                |                           |                           |                         |
| 1,1,1-Trichloroethane                | ND(0.5)                   | µg/L                      | 7350/179                |
| 1,2-Dichloroethane                   | ND(0.5)                   | µg/L                      | 7350/179                |
| Benzene                              | ND(0.5)                   | µg/L                      | 7350/179                |
| Carbon tetrachloride                 | ND(0.5)                   | µg/L                      | 7350/179                |
| Chloroform                           | ND(0.5)                   | µg/L                      | 7350/179                |
| Chloromethane                        | ND(0.5)                   | µg/L                      | 7350/179                |
| Methylene chloride                   | ND(0.5)                   | µg/L                      | 7350/179                |
| Tetrachloroethylene                  | ND(0.5)                   | µg/L                      | 7350/179                |
| Trichloroethylene                    | ND(0.5)                   | µg/L                      | 7350/179                |
| Vinyl chloride                       | ND(0.5)                   | µg/L                      | 7350/179                |
| 1,2-Dichloropropane                  | ND(0.5)                   | µg/L                      | 7350/179                |
| <u>Analysis</u>                      | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>         |
| OXY Volatiles by 8260                | N/A                       | 05/14/14 0046             | 1MS9133                 |
| Volatile Analysis Preparation Method |                           |                           | 1MS9133 GMA 8260B 5030B |

Conclusion of Lab Number: 14050883

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

Lab Number: 14050885

Date Sampled: 05/09/2014  
 Time Sampled: 1620

Sample Description: WG-05092014-JR-MW143S2S3

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/22          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/22          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | 0.015                | µg/L                      | 7409/25          |
| B-BHC                          | 0.115                | µg/L                      | 7409/25          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/25          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/25          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/25          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/25          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/25          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/338         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/338         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/338         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/338         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/338         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/338         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/338         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/338         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/338         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/247         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/247         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/247         |
| Carbon tetrachloride           | 17.2                 | µg/L                      | 7348/247         |
| Chloroform                     | 3.7                  | µg/L                      | 7348/247         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/247         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/247         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/247         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/247         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/247         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/247         |
| Hardness (Calculated)          | 612                  | mg/L as CaCO <sub>3</sub> | 7157/883         |
| Chloride                       | 310.                 | mg/L                      | 7276/280         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/15/14 1600             | 05/28/14 0318             | 140515-4        | 2NX5147            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

Page: 67

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/15/14 1600             | 05/28/14 0318             | 140515-4        | 2NX5147            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/15/14 1030             | 05/23/14 0816             | 140515-1        | 3EX3142            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/15/14 1400             | 05/28/14 1518             | 140515-3        | 1MS6148            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/15/14 0013             | 1MS5134         | 1MS5134            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/15/14 0845             | 05/20/14 1827             | 140515-4        | 11IP4140           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/20/14 2109             | IIC1140         | 3IC1140            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14050885

## Appendix

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

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ND( ), where reported, indicates the analyte was not detected above the Limit of Quantitation (LOQ). The concentration of the LOQ is inside the parentheses.

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All samples which require cooling were received at a temperature of less than 6 degrees Celsius.

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No analysis with a holding time of seventy-two hours or less was performed in this Continental order.

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CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

B - Analyte is also present in the method blank or load blank at the concentration indicated either to the right of the letter B and/or in the enclosed Quality Control Report. The reported sample concentration has not been blank corrected.

QC - QC data qualifiers were noted. See the Quality Control Report.

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## Accreditation Summary

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Client: Occidental Chemical Corporation  
Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
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Continental Order No: 118573

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NELAP accreditation is issued under each EPA regulatory program for a given matrix/analyte/method combination. Continental is NELAP accredited for each matrix/analyte/method and EPA program cited in this Laboratory Report, except for those listed in the table below and for analyses performed in the field. For most of the analyses listed in the table, NELAP accreditation is not offered under the listed EPA program and Continental is NELAP accredited for the analysis, using the same analytical technology, but under a different EPA program. Continental's full NELAP accreditation status may be viewed at [www.kdheks.gov/envlab](http://www.kdheks.gov/envlab). Note that unless qualified otherwise in the Laboratory Report, Continental performs all analyses, including each analysis listed in the table below, utilizing NELAP protocol.

| <u>Test</u> | <u>Analysis</u>           | <u>Matrix-Regulatory Program</u> | <u>Method</u> | <u>CAS NELAP Accredited in Other Reg. Program</u> |
|-------------|---------------------------|----------------------------------|---------------|---|
| CL351       | OXY Chlorinated Hyd.      | L-RCRA                           | 8121          |   |
| CL351       | Hexachloroethane          | L-RCRA                           | 8121          | No  |
| CL351       | Hexachlorobutadiene       | L-RCRA                           | 8121          | No  |
| MS302       | OXY GC/MS Acids           | L-RCRA                           | 8270C         |   |
| MS302       | 3-& 4-Chlorophenol        | L-RCRA                           | 8270C         | No  |
| MS302       | 2,5-Dichlorophenol        | L-RCRA                           | 8270C         | No  |
| MS302       | 2,3,4,5-Tetrachlorophenol | L-RCRA                           | 8270C         | No  |

**Quality Control Report  
Batch Summary**

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

| Test Code  | Testname                       | QC Batch | Method Blank Date/Time Analyzed | LCS Date/Time Analyzed      | MS Lab No. Date/Time Analyzed |
|--|--------------------------------|----------|---------------------------------|-----------------------------|-------------------------------|
| CL223  | 2,4-Dichlorophenoxyacetic Acid | 140515-4 | 140515BLK4<br>05/26/14 0240     | 140515LCS4<br>05/26/14 0319 | 14050868MS<br>05/28/14 0200   |
| Lab numbers associated with this batch:<br>14050852 14050853 14050854 14050855 14050856 14050857 14050858 14050859 14050860 14050861 14050862<br>14050863 14050864 14050865 14050866 14050868 14050885 |                                |          |                                 |                             |                               |
| CL223  | 2,4-Dichlorophenoxyacetic Acid | 140516-3 | 140516BLK3<br>05/29/14 2211     | 140516LCS3<br>05/29/14 1658 |                               |
| Lab numbers associated with this batch:<br>14050866 14050867 14050869 14050870 14050871 14050872 14050873 14050874 14050875 14050876 14050877<br>14050878 14050879 14050880 14050881                   |                                |          |                                 |                             |                               |
| CL223  | 2,4-Dichlorophenoxyacetic Acid | 140519-6 | 140519BLK6<br>05/30/14 1515     | 140519LCS6<br>05/30/14 1554 | 14051086MS<br>05/31/14 0258   |
| Lab numbers associated with this batch:<br>14050882  |                                |          |                                 |                             |                               |
| CL350  | Pentachlorophenol              | 140515-4 | 140515BLK4<br>05/26/14 0240     | 140515LCS4<br>05/26/14 0319 | 14050868MS<br>05/28/14 0200   |
| Lab numbers associated with this batch:<br>14050852 14050853 14050854 14050855 14050856 14050857 14050858 14050859 14050860 14050861 14050862<br>14050863 14050864 14050865 14050866 14050868 14050885 |                                |          |                                 |                             |                               |
| CL350  | Pentachlorophenol              | 140516-3 | 140516BLK3<br>05/29/14 2211     | 140516LCS3<br>05/29/14 1658 |                               |
| Lab numbers associated with this batch:<br>14050866 14050867 14050869 14050870 14050871 14050872 14050873 14050874 14050875 14050876 14050877<br>14050878 14050879 14050880 14050881                   |                                |          |                                 |                             |                               |
| CL350  | Pentachlorophenol              | 140519-6 | 140519BLK6<br>05/30/14 1515     | 140519LCS6<br>05/30/14 1554 | 14051086MS<br>05/31/14 0258   |
| Lab numbers associated with this batch:<br>14050882  |                                |          |                                 |                             |                               |
| CL351  | OXY Chlorinated Hyd.           | 140515-1 | 140515BLK1<br>05/22/14 1241     | 140515LCS1<br>05/22/14 1323 | 14050798MS<br>05/22/14 1529   |
| Lab numbers associated with this batch:<br>14050852 14050853 14050854 14050855 14050856 14050857 14050858 14050859 14050860 14050861 14050862<br>14050863 14050864 14050865                            |                                |          |                                 |                             |                               |
| CL351  | OXY Chlorinated Hyd.           | 140516-2 | 140516BLK2<br>05/29/14 1227     | 140516LCS2<br>05/29/14 1309 | 14050868MS<br>05/29/14 1640   |
| Lab numbers associated with this batch:<br>14050865 14050866 14050867 14050868 14050869 14050870 14050871 14050872 14050873 14050874 14050875<br>14050876 14050877 14050878 14050879                   |                                |          |                                 |                             |                               |
| CL351  | OXY Chlorinated Hyd.           | 140519-1 | 140519BLK1<br>05/31/14 0357     | 140519LCS1<br>05/31/14 0438 | 14051086MS<br>05/31/14 1919   |
| Lab numbers associated with this batch:<br>14050880 14050881 14050882  |                                |          |                                 |                             |                               |

**Quality Control Report  
Batch Summary**

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

| Test Code  | Testname              | QC Batch | Method Blank Date/Time Analyzed | LCS Date/Time Analyzed      | MS Lab No. Date/Time Analyzed |
|--|-----------------------|----------|---------------------------------|-----------------------------|-------------------------------|
| MS302  | OXY GC/MS Acids       | 140515-3 | 140515BLK3<br>05/27/14 0816     | 140515LCS3<br>05/27/14 0901 | 14050798MS<br>05/27/14 1029   |
| Lab numbers associated with this batch:<br>14050852 14050853 14050854 14050855 14050856 14050857 14050858 14050859 14050860 14050861 14050862<br>14050863 14050864 14050865 14050866 14050885          |                       |          |                                 |                             |                               |
| MS302  | OXY GC/MS Acids       | 140516-1 | 140516BLK1<br>05/29/14 1148     | 140516LCS1<br>05/29/14 1233 | 14050868MS<br>05/29/14 1446   |
| Lab numbers associated with this batch:<br>14050867 14050868 14050869 14050870 14050871 14050872 14050873 14050874 14050875 14050876 14050877<br>14050878 14050879 14050880 14050881                   |                       |          |                                 |                             |                               |
| MS302  | OXY GC/MS Acids       | 140519-2 | 140519BLK2<br>05/30/14 2022     | 140519LCS2<br>05/30/14 2105 |                               |
| Lab numbers associated with this batch:<br>14050882  |                       |          |                                 |                             |                               |
| MS350  | OXY Volatiles by 8260 | 1MS5133  | BLK1MS5133<br>05/13/14 1502     | LCS1MS5133<br>05/13/14 1410 | 14050798MS<br>05/13/14 1553   |
| Lab numbers associated with this batch:<br>14050852 14050853 14050854 14050855 14050856 14050857 14050858 14050859 14050860 14050861 14050862<br>14050863 14050864                                     |                       |          |                                 |                             |                               |
| MS350  | OXY Volatiles by 8260 | 1MS9133  | BLK1MS9133<br>05/13/14 1534     | LCS1MS9133<br>05/13/14 1444 | 14050868MS<br>05/13/14 1855   |
| Lab numbers associated with this batch:<br>14050865 14050866 14050867 14050868 14050869 14050872 14050873 14050874 14050875 14050876 14050877<br>14050878 14050879 14050880 14050881 14050882 14050883 |                       |          |                                 |                             |                               |
| MS350  | OXY Volatiles by 8260 | 1MS5134  | BLK1MS5134<br>05/14/14 1444     | LCS1MS5134<br>05/14/14 1352 |                               |
| Lab numbers associated with this batch:<br>14050870 14050871 14050885  |                       |          |                                 |                             |                               |
| SL323  | Hardness (Calculated) | 140515-3 | 140515BLK3<br>05/20/14 1502     | 140515LCS3<br>05/20/14 1506 | 14050859MS<br>05/20/14 1552   |
| Lab numbers associated with this batch:<br>14050852 14050853 14050854 14050855 14050856 14050857 14050858 14050859 14050860 14050861 14050862<br>14050863 14050864 14050865 14050866 14050867          |                       |          |                                 |                             |                               |
| SL323  | Hardness (Calculated) | 140515-4 | 140515BLK4<br>05/20/14 1646     | 140515LCS4<br>05/20/14 1651 | 14050868MS<br>05/20/14 1659   |
| Lab numbers associated with this batch:<br>14050868 14050869 14050870 14050871 14050872 14050873 14050874 14050875 14050876 14050877 14050878<br>14050879 14050880 14050881 14050882 14050885          |                       |          |                                 |                             |                               |
| GL502  | Chloride              | 1IC1134  | BLK1IC1134<br>05/14/14 1508     | LCS1IC1134<br>05/14/14 1520 | 14050801MS<br>05/14/14 2128   |
| Lab numbers associated with this batch:<br>14050852 14050853 14050854 14050855 14050856 14050857   |                       |          |                                 |                             |                               |

**Quality Control Report  
Batch Summary**

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

| Test Code  | Testname | QC Batch | Method Blank Date/Time Analyzed | LCS Date/Time Analyzed      | MS Lab No. Date/Time Analyzed |
|--|----------|----------|---------------------------------|-----------------------------|-------------------------------|
| GL502  | Chloride | 1IC1140  | BLK1IC1140<br>05/20/14 1502     | LCS1IC1140<br>05/20/14 1514 | 14050868MS<br>05/20/14 1640   |
| Lab numbers associated with this batch:  |          |          |                                 |                             |                               |
| 14050868 14050869 14050870 14050871 14050872 14050873 14050874 14050875 14050876 14050877 14050878<br>14050879 14050880 14050881 14050882 14050885 |          |          |                                 |                             |                               |
| GL502  | Chloride | 2IC1134  | BLK2IC1134<br>05/14/14 2355     | LCS2IC1134<br>05/15/14 0007 |                               |
| Lab numbers associated with this batch:  |          |          |                                 |                             |                               |
| 14050858 14050859 14050860 14050861 14050862 14050863 14050864 14050865 14050866 14050867  |          |          |                                 |                             |                               |

**Quality Control Report**  
**Method Blank, LCS, MS/MSD Data**

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

| Analysis                             | Blank                                    | % Rec   | Limits    | Spike | Spiked Sample           |              | Limits  | Spike     | Spiked Sample |                |
|--------------------------------------|--|---------|-----------|-------|-------------------------|--------------|---------|-----------|---------------|----------------|
|                                      | Data                                     | LCS     |           | Level | Units                   | (% Recovery) |         | Level     | Units         | Precision Data |
| QC Batch: 140515-1                   | For samples prepared on: 05/15/2014 1030 |         |           |       | Spiked sample: 14050798 |              |         |           |               |                |
| <b>OXY Chlorinated Hyd.</b>          |  |         | N/A       |       |                         | MN           | MN      | N/A       |               |                |
| A-BHC                                | ND(0.011)                                | 100.    | 79.1-131  | 0.50  | µg/L                    |              |         | 75.2-138  | 0.50          | µg/L           |
| B-BHC                                | ND(0.037)                                | 92.4    | 75.0-135  | 0.50  | µg/L                    |              |         | 72.4-137  | 0.50          | µg/L           |
| G-BHC                                | ND(0.052)                                | 95.2    | 77.8-133  | 0.50  | µg/L                    |              |         | 77.9-137  | 0.50          | µg/L           |
| Hexachloroethane                     | ND(0.02)                                 | 88.8    | 46.8-125  | 0.50  | µg/L                    |              |         | 31.6-131  | 0.50          | µg/L           |
| Hexachlorobutadiene                  | ND(0.02)                                 | 90.4    | 41.2-130  | 0.50  | µg/L                    |              |         | 29.4-129  | 0.50          | µg/L           |
| Hexachlorobenzene                    | ND(0.10)                                 | 90.8    | 70.8-133  | 0.50  | µg/L                    |              |         | 64.7-137  | 0.50          | µg/L           |
| D-BHC                                | ND(0.05)                                 | 97.0    | 76.9-150  | 0.50  | µg/L                    |              |         | 73.2-157  | 0.50          | µg/L           |
| <b>Surrogates:</b>                   |  |         |           |       |                         |              |         |           |               |                |
| 1,4-DICHLORONAPHTHALENE              | 78.1                                     | 83.7    | 58.6-99.8 | 8.0   | µg/L                    | MN           | MN      | 58.6-99.8 | 8.0           | µg/L           |
| <b>QC Batch: 140515-3</b>            | For samples prepared on: 05/15/2014 1400 |         |           |       | Spiked sample: 14050798 |              |         |           |               |                |
| <b>OXY GC/MS Acids</b>               |  |         | N/A       |       |                         | MN           | MN      | N/A       |               |                |
| 2-Chlorophenol                       | ND(5.0)                                  | 76.8    | 70.2-103  | 50.0  | µg/L                    |              |         | 69.9-103  | 50.0          | µg/L           |
| 3-& 4-Chlorophenol                   | ND(5.0)                                  | 65.8    | 60.2-90.2 | 50.0  | µg/L                    |              |         | 59.9-92.2 | 50.0          | µg/L           |
| 2,4-Dichlorophenol                   | ND(5.0)                                  | 84.1    | 69.4-120  | 50.0  | µg/L                    |              |         | 67.9-124  | 50.0          | µg/L           |
| 2,5-Dichlorophenol                   | ND(5.0)                                  | 79.9    | 74.7-110  | 50.0  | µg/L                    |              |         | 77.0-100  | 50.0          | µg/L           |
| 2,6-Dichlorophenol                   | ND(5.0)                                  | 84.3    | 75.6-115  | 50.0  | µg/L                    |              |         | 73.8-118  | 50.0          | µg/L           |
| 2,4,5-Trichlorophenol                | ND(5.0)                                  | 84.3    | 78.9-118  | 50.0  | µg/L                    |              |         | 80.6-118  | 50.0          | µg/L           |
| 2,4,6-Trichlorophenol                | ND(5.0)                                  | 82.6    | 78.5-118  | 50.0  | µg/L                    |              |         | 79.4-120  | 50.0          | µg/L           |
| 2,3,4,5-Tetrachlorophenol            | ND(5.0) CE                               | 86.2 CE | 72.6-125  | 100   | µg/L                    |              |         | 73.7-125  | 100           | µg/L           |
| 2,3,4,6-Tetrachlorophenol            | ND(5.0)                                  | 91.3    | 72.9-128  | 50.0  | µg/L                    |              |         | 75.1-128  | 50.0          | µg/L           |
| <b>Surrogates:</b>                   |  |         |           |       |                         |              |         |           |               |                |
| PHENOL-d6                            | 32.3                                     | 29.9    | 22.3-43.0 | 150   | µg/L                    | MN           | MN      | 22.3-43.0 | 150           | µg/L           |
| 2-FLUOROPHENOL                       | 50.5                                     | 45.9    | 37.7-66.5 | 150   | µg/L                    | MN           | MN      | 37.7-66.5 | 150           | µg/L           |
| 2,4,6-TRIBROMOPHENOL                 | 86.4                                     | 91.8    | 56.7-128  | 150   | µg/L                    | MN           | MN      | 56.7-128  | 150           | µg/L           |
| <b>QC Batch: 140515-3</b>            | For samples prepared on: 05/15/2014 0817 |         |           |       | Spiked sample: 14050859 |              |         |           |               |                |
| <b>Hardness (Calculated)</b>         | ND(5.0)                                  | 91.5    | 80.0-120  | 357   | mg/L a                  | 89.6         | 88.4    | 80.0-120  | 357           | mg/L a         |
| <b>QC Batch: 140515-4</b>            | For samples prepared on: 05/15/2014 1600 |         |           |       | Spiked sample: 14050868 |              |         |           |               |                |
| <b>2,4-Dichlorophenoxyacetic Aci</b> | ND(1.0)                                  | 99.7    | 69.8-136  | 4.0   | µg/L                    | 108          | 105     | 77.4-130  | 4.0           | µg/L           |
| <b>Surrogates:</b>                   |  |         |           |       |                         |              |         |           |               |                |
| 2,4-DICHLOROPHENYLACETIC ACID        | 89.7                                     | 95.3    | 61.3-125  | 5.0   | µg/L                    | 97.2         | 97.6    | 61.3-125  | 5.0           | µg/L           |
| <b>QC Batch: 140515-4</b>            | For samples prepared on: 05/15/2014 1600 |         |           |       | Spiked sample: 14050868 |              |         |           |               |                |
| <b>Pentachlorophenol</b>             | ND(0.5)                                  | 91.6    | 74.9-121  | 4.0   | µg/L                    | 77.3         | 76.8    | 10.5-152  | 4.0           | µg/L           |
| <b>Surrogates:</b>                   |  |         |           |       |                         |              |         |           |               |                |
| 2,4-DICHLOROPHENYLACETIC ACID        | 89.7                                     | 95.3    | 61.3-125  | 5.0   | µg/L                    | 97.2         | 97.6    | 61.3-125  | 5.0           | µg/L           |
| <b>QC Batch: 140515-4</b>            | For samples prepared on: 05/15/2014 0845 |         |           |       | Spiked sample: 14050868 |              |         |           |               |                |
| <b>Hardness (Calculated)</b>         | ND(5.0)                                  | 90.5    | 80.0-120  | 357   | mg/L a                  | 98.3         | 98.1    | 80.0-120  | 357           | mg/L a         |
| <b>QC Batch: 140516-1</b>            | For samples prepared on: 05/16/2014 1200 |         |           |       | Spiked sample: 14050868 |              |         |           |               |                |
| <b>OXY GC/MS Acids</b>               |  |         | N/A       |       |                         |              |         | N/A       |               |                |
| 2-Chlorophenol                       | ND(5.0)                                  | 76.8    | 70.2-103  | 50.0  | µg/L                    | 73.9         | 78.2    | 69.9-103  | 50.0          | µg/L           |
| 3-& 4-Chlorophenol                   | ND(5.0)                                  | 65.1    | 60.2-90.2 | 50.0  | µg/L                    | 63.9         | 68.0    | 59.9-92.2 | 50.0          | µg/L           |
| 2,4-Dichlorophenol                   | ND(5.0)                                  | 83.5    | 69.4-120  | 50.0  | µg/L                    | 71.5         | 80.9 MP | 67.9-124  | 50.0          | µg/L           |
| 2,5-Dichlorophenol                   | ND(5.0)                                  | 78.0    | 74.7-110  | 50.0  | µg/L                    | 92.4         | 90.0    | 77.0-100  | 50.0          | µg/L           |
| 2,6-Dichlorophenol                   | ND(5.0)                                  | 83.5    | 75.6-115  | 50.0  | µg/L                    | 82.8         | 87.1    | 73.8-118  | 50.0          | µg/L           |
| 2,4,5-Trichlorophenol                | ND(5.0)                                  | 83.5    | 78.9-118  | 50.0  | µg/L                    | 85.5         | 88.1    | 80.6-118  | 50.0          | µg/L           |
| 2,4,6-Trichlorophenol                | ND(5.0)                                  | 80.7    | 78.5-118  | 50.0  | µg/L                    | 82.9         | 83.9    | 79.4-120  | 50.0          | µg/L           |

**Quality Control Report**  
**Method Blank, LCS, MS/MSD Data**

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

| Analysis                             | Blank      | % Rec   | Limits    | Spike | Spiked Sample |         |         | Limits    | Spike | Units | Spiked Sample  |       |
|--------------------------------------|------------|---------|-----------|-------|---------------|---------|---------|-----------|-------|-------|----------------|-------|
|                                      | Data       | LCS     |           | Level | MS            | MSD     | Level   |           | RPD   |       | Precision Data | Limit |
| <b>QC Batch: 140516-1</b>            |            |         |           |       |               |         |         |           |       |       |                |       |
| 2,3,4,5-Tetrachlorophenol            | ND(5.0) CE | 83.5 CE | 72.6-125  | 100   | µg/L          | 82.6 CE | 86.1 CE | 73.7-125  | 100   | µg/L  | 6.20           | 11.4  |
| 2,3,4,6-Tetrachlorophenol            | ND(5.0)    | 89.4    | 72.9-128  | 50.0  | µg/L          | 94.3    | 94.9    | 75.1-128  | 50.0  | µg/L  | 2.70           | 12.5  |
| <b>Surrogates:</b>                   |            |         |           |       |               |         |         |           |       |       |                |       |
| PHENOL-d6                            | 26.1       | 29.3    | 22.3-43.0 | 150   | µg/L          | 28.8    | 31.1    | 22.3-43.0 | 150   | µg/L  |                |       |
| 2-FLUOROPHENOL                       | 40.9       | 47.1    | 37.7-66.5 | 150   | µg/L          | 44.9    | 49.1    | 37.7-66.5 | 150   | µg/L  |                |       |
| 2,4,6-TRIBROMOPHENOL                 | 69.6       | 90.1    | 56.7-128  | 150   | µg/L          | 90.8    | 95.5    | 56.7-128  | 150   | µg/L  |                |       |
| <b>QC Batch: 140516-2</b>            |            |         |           |       |               |         |         |           |       |       |                |       |
| <b>OXY Chlorinated Hyd.</b>          |            |         |           |       |               |         |         |           |       |       |                |       |
| A-BHC                                | 0.008 J    | 106     | 79.1-131  | 0.50  | µg/L          | 101     | 96.5    | 75.2-138  | 0.50  | µg/L  | 4.10           | 15.8  |
| B-BHC                                | ND(0.037)  | 104     | 75.0-135  | 0.50  | µg/L          | 84.4    | 76.7    | 72.4-137  | 0.50  | µg/L  | 4.40           | 17.5  |
| G-BHC                                | ND(0.052)  | 105     | 77.8-133  | 0.50  | µg/L          | 105     | 100.    | 77.9-137  | 0.50  | µg/L  | 4.40           | 16.6  |
| Hexachloroethane                     | ND(0.02)   | 87.4    | 46.8-125  | 0.50  | µg/L          | 101     | 93.4    | 31.6-131  | 0.50  | µg/L  | 8.10           | 22.6  |
| Hexachlorobutadiene                  | ND(0.02)   | 84.0    | 41.2-130  | 0.50  | µg/L          | 99.2    | 92.4    | 29.4-129  | 0.50  | µg/L  | 7.60           | 25.6  |
| Hexachlorobenzene                    | ND(0.10)   | 99.2    | 70.8-133  | 0.50  | µg/L          | 102     | 96.4    | 64.7-137  | 0.50  | µg/L  | 5.80           | 19.3  |
| D-BHC                                | ND(0.05)   | 109     | 76.9-150  | 0.50  | µg/L          | 109     | 103     | 73.2-157  | 0.50  | µg/L  | 5.40           | 17.1  |
| <b>Surrogates:</b>                   |            |         |           |       |               |         |         |           |       |       |                |       |
| 1,4-DICHLORONAPHTHALENE              | 78.8       | 82.6    | 58.6-99.8 | 8.0   | µg/L          | 83.0    | 79.5    | 58.6-99.8 | 8.0   | µg/L  |                |       |
| <b>QC Batch: 140516-3</b>            |            |         |           |       |               |         |         |           |       |       |                |       |
| <b>2,4-Dichlorophenoxyacetic Aci</b> |            |         |           |       |               |         |         |           |       |       |                |       |
| <b>Surrogates:</b>                   |            |         |           |       |               |         |         |           |       |       |                |       |
| 2,4-DICHLOROPHENYLACETIC ACID        | 87.4       | 106     | 61.3-125  | 5.0   | µg/L          | MN      | MN      | 61.3-125  | N/A   | µg/L  | **             | 20.7  |
| <b>QC Batch: 140516-3</b>            |            |         |           |       |               |         |         |           |       |       |                |       |
| <b>Pentachlorophenol</b>             |            |         |           |       |               |         |         |           |       |       |                |       |
| <b>Surrogates:</b>                   |            |         |           |       |               |         |         |           |       |       |                |       |
| 2,4-DICHLOROPHENYLACETIC ACID        | 87.4       | 106     | 61.3-125  | 5.0   | µg/L          | MN      | MN      | 61.3-125  | N/A   | µg/L  | **             |       |
| <b>QC Batch: 140519-1</b>            |            |         |           |       |               |         |         |           |       |       |                |       |
| <b>OXY Chlorinated Hyd.</b>          |            |         |           |       |               |         |         |           |       |       |                |       |
| <b>N/A</b>                           |            |         |           |       |               |         |         |           |       |       |                |       |
| A-BHC                                | 0.009 J    | 105     | 79.1-131  | 0.50  | µg/L          |         |         | 75.2-138  | 0.50  | µg/L  | **             | 15.8  |
| B-BHC                                | ND(0.037)  | 98.0    | 75.0-135  | 0.50  | µg/L          |         |         | 72.4-137  | 0.50  | µg/L  | **             | 17.5  |
| G-BHC                                | ND(0.052)  | 99.6    | 77.8-133  | 0.50  | µg/L          |         |         | 77.9-137  | 0.50  | µg/L  | **             | 16.6  |
| Hexachloroethane                     | ND(0.02)   | 91.4    | 46.8-125  | 0.50  | µg/L          |         |         | 31.6-131  | 0.50  | µg/L  | **             | 22.6  |
| Hexachlorobutadiene                  | ND(0.02)   | 90.0    | 41.2-130  | 0.50  | µg/L          |         |         | 29.4-129  | 0.50  | µg/L  | **             | 25.6  |
| Hexachlorobenzene                    | ND(0.10)   | 102     | 70.8-133  | 0.50  | µg/L          |         |         | 64.7-137  | 0.50  | µg/L  | **             | 19.3  |
| D-BHC                                | ND(0.05)   | 103     | 76.9-150  | 0.50  | µg/L          |         |         | 73.2-157  | 0.50  | µg/L  | **             | 17.1  |
| <b>Surrogates:</b>                   |            |         |           |       |               |         |         |           |       |       |                |       |
| 1,4-DICHLORONAPHTHALENE              | 80.9       | 82.6    | 58.6-99.8 | 8.0   | µg/L          | MN      | MN      | 58.6-99.8 | 8.0   | µg/L  | **             |       |
| <b>QC Batch: 140519-2</b>            |            |         |           |       |               |         |         |           |       |       |                |       |
| <b>OXY GC/MS Acids</b>               |            |         |           |       |               |         |         |           |       |       |                |       |
| <b>N/A</b>                           |            |         |           |       |               |         |         |           |       |       |                |       |
| 2-Chlorophenol                       | ND(5.0)    | 76.6    | 70.2-103  | 50.0  | µg/L          |         |         | 69.9-103  | N/A   | µg/L  | **             | 8.8   |
| 3-& 4-Chlorophenol                   | ND(5.0)    | 67.2    | 60.2-90.2 | 50.0  | µg/L          |         |         | 59.9-92.2 | N/A   | µg/L  | **             | 10.3  |
| 2,4-Dichlorophenol                   | ND(5.0)    | 73.0    | 69.4-120  | 50.0  | µg/L          |         |         | 67.9-124  | N/A   | µg/L  | **             | 12.8  |
| 2,5-Dichlorophenol                   | ND(5.0)    | 84.7    | 74.7-110  | 50.0  | µg/L          |         |         | 77.0-100  | N/A   | µg/L  | **             | 14.7  |
| 2,6-Dichlorophenol                   | ND(5.0)    | 81.6    | 75.6-115  | 50.0  | µg/L          |         |         | 73.8-118  | N/A   | µg/L  | **             | 7.8   |
| 2,4,5-Trichlorophenol                | ND(5.0)    | 80.9    | 78.9-118  | 50.0  | µg/L          |         |         | 80.6-118  | N/A   | µg/L  | **             | 8.9   |
| 2,4,6-Trichlorophenol                | ND(5.0)    | 80.9    | 78.5-118  | 50.0  | µg/L          |         |         | 79.4-120  | N/A   | µg/L  | **             | 9.9   |
| 2,3,4,5-Tetrachlorophenol            | ND(5.0) CE | 78.1 CE | 72.6-125  | 100   | µg/L          |         |         | 73.7-125  | N/A   | µg/L  | **             | 11.4  |
| 2,3,4,6-Tetrachlorophenol            | ND(5.0)    | 86.6    | 72.9-128  | 50.0  | µg/L          |         |         | 75.1-128  | N/A   | µg/L  | **             | 12.5  |

**Quality Control Report**  
**Method Blank, LCS, MS/MSD Data**

Page: 75

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

| Analysis                             | Blank   | % Rec                          | Limits    | Spike | Spiked Sample |           | Limits | Spike     | Units | Spiked Sample |                |  |  |  |
|--------------------------------------|---|--------------------------------|-----------|-------|---------------|-----------|--------|-----------|-------|---------------|----------------|--|--|--|
|                                      | Data  | LCS                            |           | Level | MS            | Recovery) |        | Level     |       | RPD           | Precision Data |  |  |  |
| <b>QC Batch: 140519-2</b>            | <b>For samples prepared on: 05/19/2014</b>      | <b>Spiked sample:</b>          |           |       |               |           |        |           |       |               |                |  |  |  |
| <b>Surrogates:</b>                   |   |                                |           |       |               |           |        |           |       |               |                |  |  |  |
| PHENOL-d6                            | 35.6  | 32.8                           | 22.3-43.0 | 150   | µg/L          | MN        | MN     | 22.3-43.0 | N/A   | µg/L          | **             |  |  |  |
| 2-FLUOROPHENOL                       | 54.3  | 50.2                           | 37.7-66.5 | 150   | µg/L          | MN        | MN     | 37.7-66.5 | N/A   | µg/L          | **             |  |  |  |
| 2,4,6-TRIBROMOPHENOL                 | 75.6  | 86.6                           | 56.7-128  | 150   | µg/L          | MN        | MN     | 56.7-128  | N/A   | µg/L          | **             |  |  |  |
| <b>QC Batch: 140519-6</b>            | <b>For samples prepared on: 05/19/2014 1630</b> | <b>Spiked sample:</b>          |           |       |               |           |        |           |       |               |                |  |  |  |
| <b>2,4-Dichlorophenoxyacetic Aci</b> |   |                                |           |       |               |           |        |           |       |               |                |  |  |  |
| Surrogates:                          | ND(1.0)   | 97.5                           | 69.8-136  | 4.0   | µg/L          | MN        | MN     | 77.4-130  | N/A   | µg/L          | **             |  |  |  |
| 2,4-DICHLOROPHENYLACETIC ACID        | 82.3  | 91.3                           | 61.3-125  | 5.0   | µg/L          | MN        | MN     | 61.3-125  | N/A   | µg/L          | **             |  |  |  |
| <b>QC Batch: 140519-6</b>            | <b>For samples prepared on: 05/19/2014 1630</b> | <b>Spiked sample:</b>          |           |       |               |           |        |           |       |               |                |  |  |  |
| <b>Pentachlorophenol</b>             |   |                                |           |       |               |           |        |           |       |               |                |  |  |  |
| Surrogates:                          | ND(0.5)   | 87.2                           | 74.9-121  | 4.0   | µg/L          | MN        | MN     | 10.5-152  | N/A   | µg/L          | **             |  |  |  |
| 2,4-DICHLOROPHENYLACETIC ACID        | 82.3  | 91.3                           | 61.3-125  | 5.0   | µg/L          | MN        | MN     | 61.3-125  | N/A   | µg/L          | **             |  |  |  |
| <b>QC Batch: IIC1134</b>             | <b>For sample analyzed on: 05/14/2014</b>       | <b>Spiked sample: 14050801</b> |           |       |               |           |        |           |       |               |                |  |  |  |
| Chloride                             | ND(1.0)   | 101                            | 90.0-110  | 4.0   | mg/L          | MN        | MN     | 71.9-123  | 4.0   | mg/L          | **             |  |  |  |
| <b>QC Batch: IIC1140</b>             | <b>For sample analyzed on: 05/20/2014</b>       | <b>Spiked sample: 14050868</b> |           |       |               |           |        |           |       |               |                |  |  |  |
| Chloride                             | ND(1.0)   | 102                            | 90.0-110  | 4.0   | mg/L          | 103       | 104    | 71.9-123  | 400   | mg/L          | 0.40           |  |  |  |
| <b>QC Batch: 1MS5133</b>             | <b>For sample analyzed on: 05/13/2014</b>       | <b>Spiked sample: 14050798</b> |           |       |               |           |        |           |       |               |                |  |  |  |
| <b>OXY Volatiles by 8260</b>         |   |                                |           |       |               |           |        |           |       |               |                |  |  |  |
| 1,1,1-Trichloroethane                | ND(0.5)   | 103                            | 81.5-118  | 10.0  | µg/L          |           |        | 80.9-119  | 10.0  | µg/L          | **             |  |  |  |
| 1,2-Dichloroethane                   | ND(0.5)   | 87.7                           | 74.4-117  | 10.0  | µg/L          |           |        | 76.0-121  | 10.0  | µg/L          | **             |  |  |  |
| Benzene                              | ND(0.5)   | 94.9                           | 84.4-112  | 10.0  | µg/L          |           |        | 79.1-119  | 10.0  | µg/L          | **             |  |  |  |
| Carbon tetrachloride                 | ND(0.5)   | 107                            | 81.7-124  | 10.0  | µg/L          |           |        | 79.4-126  | 10.0  | µg/L          | **             |  |  |  |
| Chloroform                           | ND(0.5)   | 98.0                           | 75.7-112  | 10.0  | µg/L          |           |        | 72.9-119  | 10.0  | µg/L          | **             |  |  |  |
| Chloromethane                        | ND(0.5)   | 97.3                           | 72.2-129  | 10.0  | µg/L          |           |        | 67.0-134  | 10.0  | µg/L          | **             |  |  |  |
| Methylene chloride                   | ND(0.5)   | 96.6                           | 77.0-112  | 10.0  | µg/L          |           |        | 75.6-117  | 10.0  | µg/L          | **             |  |  |  |
| Tetrachloroethylene                  | ND(0.5)   | 108                            | 87.4-118  | 10.0  | µg/L          |           |        | 83.0-120  | 10.0  | µg/L          | **             |  |  |  |
| Trichloroethylene                    | ND(0.5)   | 98.2                           | 82.5-115  | 10.0  | µg/L          |           |        | 82.9-118  | 10.0  | µg/L          | **             |  |  |  |
| Vinyl chloride                       | ND(0.5)   | 86.5                           | 76.6-130  | 10.0  | µg/L          |           |        | 73.1-135  | 10.0  | µg/L          | **             |  |  |  |
| 1,2-Dichloropropane                  | ND(0.5)   | 87.9                           | 80.8-112  | 10.0  | µg/L          |           |        | 81.1-116  | 10.0  | µg/L          | **             |  |  |  |
| <b>Surrogates:</b>                   |   |                                |           |       |               |           |        |           |       |               |                |  |  |  |
| 1,2-DICHLOROETHANE-d4                | 93.7  | 86.5                           | 74.9-126  | 10.0  | µg/L          | MN        | MN     | 74.9-126  | 10.0  | µg/L          | **             |  |  |  |
| TOLUENE-d8                           | 103   | 103                            | 90.5-117  | 10.0  | µg/L          | MN        | MN     | 90.5-117  | 10.0  | µg/L          | **             |  |  |  |
| <b>QC Batch: 1MS5134</b>             | <b>For sample analyzed on: 05/14/2014</b>       | <b>Spiked sample:</b>          |           |       |               |           |        |           |       |               |                |  |  |  |
| <b>OXY Volatiles by 8260</b>         |   |                                |           |       |               |           |        |           |       |               |                |  |  |  |
| 1,1,1-Trichloroethane                | ND(0.5)   | 102                            | 81.5-118  | 10.0  | µg/L          |           |        | 80.9-119  | N/A   | µg/L          | **             |  |  |  |
| 1,2-Dichloroethane                   | ND(0.5)   | 94.1                           | 74.4-117  | 10.0  | µg/L          |           |        | 76.0-121  | N/A   | µg/L          | **             |  |  |  |
| Benzene                              | ND(0.5)   | 95.6                           | 84.4-112  | 10.0  | µg/L          |           |        | 79.1-119  | N/A   | µg/L          | **             |  |  |  |
| Carbon tetrachloride                 | ND(0.5)   | 109                            | 81.7-124  | 10.0  | µg/L          |           |        | 79.4-126  | N/A   | µg/L          | **             |  |  |  |
| Chloroform                           | ND(0.5)   | 97.7                           | 75.7-112  | 10.0  | µg/L          |           |        | 72.9-119  | N/A   | µg/L          | **             |  |  |  |
| Chloromethane                        | ND(0.5)   | 96.6                           | 72.2-129  | 10.0  | µg/L          |           |        | 67.0-134  | N/A   | µg/L          | **             |  |  |  |
| Methylene chloride                   | ND(0.5)   | 95.1                           | 77.0-112  | 10.0  | µg/L          |           |        | 75.6-117  | N/A   | µg/L          | **             |  |  |  |
| Tetrachloroethylene                  | ND(0.5)   | 104                            | 87.4-118  | 10.0  | µg/L          |           |        | 83.0-120  | N/A   | µg/L          | **             |  |  |  |
| Trichloroethylene                    | ND(0.5)   | 99.4                           | 82.5-115  | 10.0  | µg/L          |           |        | 82.9-118  | N/A   | µg/L          | **             |  |  |  |
| Vinyl chloride                       | ND(0.5)   | 85.8                           | 76.6-130  | 10.0  | µg/L          |           |        | 73.1-135  | N/A   | µg/L          | **             |  |  |  |
| 1,2-Dichloropropane                  | ND(0.5)   | 92.7                           | 80.8-112  | 10.0  | µg/L          |           |        | 81.1-116  | N/A   | µg/L          | **             |  |  |  |
| <b>Surrogates:</b>                   |   |                                |           |       |               |           |        |           |       |               |                |  |  |  |
| 1,2-DICHLOROETHANE-d4                | 95.0  | 94.9                           | 74.9-126  | 10.0  | µg/L          | MN        | MN     | 74.9-126  | N/A   | µg/L          | **             |  |  |  |

**Quality Control Report**  
**Method Blank, LCS, MS/MSD Data**

Page: 76

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

| Analysis                     | Blank                                     | % Rec | Limits   | Spike | Spiked Sample                  |              |      | Limits   | Spike | Units | Spiked Sample |                |  |  |
|------------------------------|---|-------|----------|-------|--------------------------------|--------------|------|----------|-------|-------|---------------|----------------|--|--|
|                              | Data                                      | LCS   |          | Level | MS                             | (% Recovery) | MSD  |          | Level |       | RPD           | Precision Data |  |  |
| <b>QC Batch: 1MS5134</b>     | <b>For sample analyzed on: 05/14/2014</b> |       |          |       | <b>Spiked sample:</b>          |              |      |          |       |       |               |                |  |  |
| <b>Surrogates:</b>           |   |       |          |       |                                |              |      |          |       |       |               |                |  |  |
| TOLUENE-d8                   | 105                                       | 99.6  | 90.5-117 | 10.0  | µg/L                           | MN           | MN   | 90.5-117 | N/A   | µg/L  | **            |                |  |  |
| <b>QC Batch: 1MS9133</b>     | <b>For sample analyzed on: 05/13/2014</b> |       |          |       | <b>Spiked sample: 14050868</b> |              |      |          |       |       |               |                |  |  |
| <b>OXY Volatiles by 8260</b> |   |       |          |       |                                |              |      |          |       |       |               |                |  |  |
| 1,1,1-Trichloroethane        | ND(0.5)                                   | 106   | 81.5-118 | 10.0  | µg/L                           | 107          | 105  | 80.9-119 | 10.0  | µg/L  | 1.90          | 8.0            |  |  |
| 1,2-Dichloroethane           | ND(0.5)                                   | 105   | 74.4-117 | 10.0  | µg/L                           | 106          | 106  | 76.0-121 | 10.0  | µg/L  | 0.30          | 10.3           |  |  |
| Benzene                      | ND(0.5)                                   | 103   | 84.4-112 | 10.0  | µg/L                           | 103          | 103  | 79.1-119 | 10.0  | µg/L  | 0.0           | 6.3            |  |  |
| Carbon tetrachloride         | ND(0.5)                                   | 108   | 81.7-124 | 10.0  | µg/L                           | 103          | 104  | 79.4-126 | 10.0  | µg/L  | 0.50          | 8.3            |  |  |
| Chloroform                   | ND(0.5)                                   | 103   | 75.7-112 | 10.0  | µg/L                           | 100.         | 90.0 | 72.9-119 | 10.0  | µg/L  | 3.60          | 8.1            |  |  |
| Chloromethane                | ND(0.5)                                   | 108   | 72.2-129 | 10.0  | µg/L                           | 108          | 103  | 67.0-134 | 10.0  | µg/L  | 4.80          | 11.7           |  |  |
| Methylene chloride           | ND(0.5)                                   | 103   | 77.0-112 | 10.0  | µg/L                           | 104          | 101  | 75.6-117 | 10.0  | µg/L  | 2.70          | 10.5           |  |  |
| Tetrachloroethylene          | ND(0.5)                                   | 99.8  | 87.4-118 | 10.0  | µg/L                           | 97.7         | 104  | 83.0-120 | 10.0  | µg/L  | 4.10          | 8.2            |  |  |
| Trichloroethylene            | ND(0.5)                                   | 103   | 82.5-115 | 10.0  | µg/L                           | 102          | 106  | 82.9-118 | 10.0  | µg/L  | 2.30          | 8.3            |  |  |
| Vinyl chloride               | ND(0.5)                                   | 101   | 76.6-130 | 10.0  | µg/L                           | 103          | 102  | 73.1-135 | 10.0  | µg/L  | 1.00          | 12.6           |  |  |
| 1,2-Dichloropropane          | ND(0.5)                                   | 102   | 80.8-112 | 10.0  | µg/L                           | 105          | 101  | 81.1-116 | 10.0  | µg/L  | 3.70          | 9.9            |  |  |
| <b>Surrogates:</b>           |   |       |          |       |                                |              |      |          |       |       |               |                |  |  |
| 1,2-DICHLOROETHANE-d4        | 108                                       | 104   | 74.9-126 | 10.0  | µg/L                           | 104          | 106  | 74.9-126 | 10.0  | µg/L  |               |                |  |  |
| TOLUENE-d8                   | 94.9                                      | 101   | 90.5-117 | 10.0  | µg/L                           | 100.         | 101  | 90.5-117 | 10.0  | µg/L  |               |                |  |  |
| <b>QC Batch: 2IC1134</b>     | <b>For sample analyzed on: 05/15/2014</b> |       |          |       | <b>Spiked sample:</b>          |              |      |          |       |       |               |                |  |  |
| <b>Chloride</b>              | ND(1.0)                                   | 100   | 90.0-110 | 4.0   | mg/L                           | MN           | MN   | 71.9-123 | N/A   | mg/L  | **            | 5.2            |  |  |

Data Qualifiers:

MN - The MS/MSD sample analyses were not performed on a sample from this Continental order number.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

MP - The MS/MSD recoveries for this analyte exceeded the method or laboratory precision control limit. The reported sample concentration is estimated.

J - The concentration or not detected (ND) value is below the Limit of Quantitation (LOQ) and is considered an estimated value.

\*\* - RPD calculation not applicable/not available for this analysis.

# Quality Control Report

## Sample Surrogate Data

Page: 77

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

| <b>Surrogate</b>              | <b>Date Prepared</b> | <b>Date Analyzed</b>                                | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|-------------------------------|----------------------|---|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14050852</b>   |                      | <b>Sample Description:WG-05092014-AK-MW21S3</b>     |                    |              |                   |                            |
| Herbicides                    |                      |   |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/15/2014           | 05/26/2014  | 5.0                | µg/L         | 84.1              | 61.3-125                   |
| Herbicides                    |                      |   |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/15/2014           | 05/26/2014  | 5.0                | µg/L         | 84.1              | 61.3-125                   |
| OXY Chlorinated Hyd.          |                      |   |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/15/2014           | 05/22/2014  | 8.0                | µg/L         | 75.2              | 58.6-99.8                  |
| OXY GC/MS Acids               |                      |   |                    |              |                   |                            |
| PHENOL-d6                     | 05/15/2014           | 05/27/2014  | 150                | µg/L         | 34.0              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/15/2014           | 05/27/2014  | 150                | µg/L         | 53.4              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/15/2014           | 05/27/2014  | 150                | µg/L         | 88.4              | 56.7-128                   |
| OXY Volatiles by 8260         |                      |   |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |                      | 05/13/2014  | 10                 | µg/L         | 99.5              | 74.9-126                   |
| TOLUENE-d8                    |                      | 05/13/2014  | 10                 | µg/L         | 103               | 90.5-117                   |
| <b>Lab Number: 14050853</b>   |                      | <b>Sample Description:WG-05092014-AK-MW21S1</b>     |                    |              |                   |                            |
| Herbicides                    |                      |   |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/15/2014           | 05/26/2014  | 5.0                | µg/L         | 85.7              | 61.3-125                   |
| Herbicides                    |                      |   |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/15/2014           | 05/26/2014  | 5.0                | µg/L         | 85.7              | 61.3-125                   |
| OXY Chlorinated Hyd.          |                      |   |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/15/2014           | 05/22/2014  | 8.0                | µg/L         | 80.3              | 58.6-99.8                  |
| OXY GC/MS Acids               |                      |   |                    |              |                   |                            |
| PHENOL-d6                     | 05/15/2014           | 05/27/2014  | 150                | µg/L         | 34.0              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/15/2014           | 05/27/2014  | 150                | µg/L         | 51.4              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/15/2014           | 05/27/2014  | 150                | µg/L         | 80.3              | 56.7-128                   |
| OXY Volatiles by 8260         |                      |   |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |                      | 05/13/2014  | 10                 | µg/L         | 92.6              | 74.9-126                   |
| TOLUENE-d8                    |                      | 05/13/2014  | 10                 | µg/L         | 102               | 90.5-117                   |
| <b>Lab Number: 14050854</b>   |                      | <b>Sample Description:WG-05092014-AK-MW142S2/S3</b> |                    |              |                   |                            |
| Herbicides                    |                      |   |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/15/2014           | 05/27/2014  | 5.0                | µg/L         | 97.2              | 61.3-125                   |
| Herbicides                    |                      |   |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/15/2014           | 05/27/2014  | 5.0                | µg/L         | 97.2              | 61.3-125                   |
| OXY Chlorinated Hyd.          |                      |   |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/15/2014           | 05/22/2014  | 8.0                | µg/L         | 77.0              | 58.6-99.8                  |
| OXY GC/MS Acids               |                      |   |                    |              |                   |                            |
| PHENOL-d6                     | 05/15/2014           | 05/27/2014  | 150                | µg/L         | 31.2              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/15/2014           | 05/27/2014  | 150                | µg/L         | 49.0              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/15/2014           | 05/27/2014  | 150                | µg/L         | 86.8              | 56.7-128                   |
| OXY Volatiles by 8260         |                      |   |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |                      | 05/13/2014  | 10                 | µg/L         | 100.              | 74.9-126                   |
| TOLUENE-d8                    |                      | 05/13/2014  | 10                 | µg/L         | 109               | 90.5-117                   |
| <b>Lab Number: 14050855</b>   |                      | <b>Sample Description:WG-05092014-AK-MW139S2/S3</b> |                    |              |                   |                            |
| Herbicides                    |                      |   |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/15/2014           | 05/27/2014  | 5.0                | µg/L         | 97.7              | 61.3-125                   |
| Herbicides                    |                      |   |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/15/2014           | 05/27/2014  | 5.0                | µg/L         | 97.7              | 61.3-125                   |
| OXY Chlorinated Hyd.          |                      |   |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/15/2014           | 05/22/2014  | 8.0                | µg/L         | 79.7              | 58.6-99.8                  |
| OXY GC/MS Acids               |                      |   |                    |              |                   |                            |
| PHENOL-d6                     | 05/15/2014           | 05/27/2014  | 150                | µg/L         | 29.6              | 22.3-43.0                  |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

| <b>Surrogate</b>              | <b>Date Prepared</b>                                | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|-------------------------------|---|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14050855</b>   | <b>Sample Description:WG-05092014-AK-MW139S2/S3</b> |                      |                    |              |                   |                            |
| OXY GC/MS Acids               |   |                      |                    |              |                   |                            |
| 2-FLUOROPHENOL                | 05/15/2014  | 05/27/2014           | 150                | µg/L         | 47.1              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/15/2014  | 05/27/2014           | 150                | µg/L         | 88.4              | 56.7-128                   |
| OXY Volatiles by 8260         |   |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |   | 05/13/2014           | 10                 | µg/L         | 94.6              | 74.9-126                   |
| TOLUENE-d8                    |   | 05/13/2014           | 10                 | µg/L         | 106               | 90.5-117                   |
| <b>Lab Number: 14050856</b>   | <b>Sample Description:WG-05102014-AK-AMW102D</b>    |                      |                    |              |                   |                            |
| Herbicides                    |   |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/15/2014  | 05/27/2014           | 5.0                | µg/L         | 99.5              | 61.3-125                   |
| Herbicides                    |   |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/15/2014  | 05/27/2014           | 5.0                | µg/L         | 99.5              | 61.3-125                   |
| OXY Chlorinated Hyd.          |   |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/15/2014  | 05/23/2014           | 8.0                | µg/L         | 85.1              | 58.6-99.8                  |
| OXY GC/MS Acids               |   |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/15/2014  | 05/27/2014           | 150                | µg/L         | 28.2              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/15/2014  | 05/27/2014           | 150                | µg/L         | 44.1              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/15/2014  | 05/27/2014           | 150                | µg/L         | 82.5              | 56.7-128                   |
| OXY Volatiles by 8260         |   |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |   | 05/13/2014           | 10                 | µg/L         | 101               | 74.9-126                   |
| TOLUENE-d8                    |   | 05/13/2014           | 10                 | µg/L         | 107               | 90.5-117                   |
| <b>Lab Number: 14050857</b>   | <b>Sample Description:WG-05102014-AK-MW26S3</b>     |                      |                    |              |                   |                            |
| Herbicides                    |   |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/15/2014  | 05/27/2014           | 5.0                | µg/L         | 94.7              | 61.3-125                   |
| Herbicides                    |   |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/15/2014  | 05/27/2014           | 5.0                | µg/L         | 94.7              | 61.3-125                   |
| OXY Chlorinated Hyd.          |   |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/15/2014  | 05/23/2014           | 8.0                | µg/L         | 88.2              | 58.6-99.8                  |
| OXY GC/MS Acids               |   |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/15/2014  | 05/28/2014           | 150                | µg/L         | 31.6              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/15/2014  | 05/28/2014           | 150                | µg/L         | 50.1              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/15/2014  | 05/28/2014           | 150                | µg/L         | 83.7              | 56.7-128                   |
| OXY Volatiles by 8260         |   |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |   | 05/13/2014           | 10                 | µg/L         | 98.1              | 74.9-126                   |
| TOLUENE-d8                    |   | 05/13/2014           | 10                 | µg/L         | 105               | 90.5-117                   |
| <b>Lab Number: 14050858</b>   | <b>Sample Description:WG-05102014-AK-MW26S1</b>     |                      |                    |              |                   |                            |
| Herbicides                    |   |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/15/2014  | 05/27/2014           | 5.0                | µg/L         | 83.0              | 61.3-125                   |
| Herbicides                    |   |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/15/2014  | 05/27/2014           | 5.0                | µg/L         | 83.0              | 61.3-125                   |
| OXY Chlorinated Hyd.          |   |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/15/2014  | 05/23/2014           | 8.0                | µg/L         | 82.7              | 58.6-99.8                  |
| OXY GC/MS Acids               |   |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/15/2014  | 05/28/2014           | 150                | µg/L         | 32.7              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/15/2014  | 05/28/2014           | 150                | µg/L         | 49.1              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/15/2014  | 05/28/2014           | 150                | µg/L         | 87.9              | 56.7-128                   |
| OXY Volatiles by 8260         |   |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |   | 05/13/2014           | 10                 | µg/L         | 96.3              | 74.9-126                   |
| TOLUENE-d8                    |   | 05/13/2014           | 10                 | µg/L         | 103               | 90.5-117                   |
| <b>Lab Number: 14050859</b>   | <b>Sample Description:WG-05102014-AK-APMW302S3</b>  |                      |                    |              |                   |                            |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

| <b>Surrogate</b>              | <b>Date Prepared</b>                               | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|-------------------------------|--|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14050859</b>   | <b>Sample Description:WG-05102014-AK-APMW302S3</b> |                      |                    |              |                   |                            |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/15/2014   | 05/27/2014           | 5.0                | µg/L         | 91.0              | 61.3-125                   |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/15/2014   | 05/27/2014           | 5.0                | µg/L         | 91.0              | 61.3-125                   |
| OXY Chlorinated Hyd.          |  |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/15/2014   | 05/23/2014           | 8.0                | µg/L         | 83.6              | 58.6-99.8                  |
| OXY GC/MS Acids               |  |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/15/2014   | 05/28/2014           | 150                | µg/L         | 31.2              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/15/2014   | 05/28/2014           | 150                | µg/L         | 48.4              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/15/2014   | 05/28/2014           | 150                | µg/L         | 84.0              | 56.7-128                   |
| OXY Volatiles by 8260         |  |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |  | 05/13/2014           | 10                 | µg/L         | 96.4              | 74.9-126                   |
| TOLUENE-d8                    |  | 05/13/2014           | 10                 | µg/L         | 106               | 90.5-117                   |
| <b>Lab Number: 14050860</b>   | <b>Sample Description:WG-05102014-AK-APMW302S2</b> |                      |                    |              |                   |                            |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/15/2014   | 05/27/2014           | 5.0                | µg/L         | 90.2              | 61.3-125                   |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/15/2014   | 05/27/2014           | 5.0                | µg/L         | 90.2              | 61.3-125                   |
| OXY Chlorinated Hyd.          |  |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/15/2014   | 05/23/2014           | 8.0                | µg/L         | 77.7              | 58.6-99.8                  |
| OXY GC/MS Acids               |  |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/15/2014   | 05/28/2014           | 150                | µg/L         | 30.5              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/15/2014   | 05/28/2014           | 150                | µg/L         | 48.3              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/15/2014   | 05/28/2014           | 150                | µg/L         | 85.6              | 56.7-128                   |
| OXY Volatiles by 8260         |  |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |  | 05/13/2014           | 10                 | µg/L         | 98.0              | 74.9-126                   |
| TOLUENE-d8                    |  | 05/13/2014           | 10                 | µg/L         | 103               | 90.5-117                   |
| <b>Lab Number: 14050861</b>   | <b>Sample Description:WG-05102014-AK-APMW302S1</b> |                      |                    |              |                   |                            |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/15/2014   | 05/27/2014           | 5.0                | µg/L         | 89.5              | 61.3-125                   |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/15/2014   | 05/27/2014           | 5.0                | µg/L         | 89.5              | 61.3-125                   |
| OXY Chlorinated Hyd.          |  |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/15/2014   | 05/23/2014           | 8.0                | µg/L         | 79.8              | 58.6-99.8                  |
| OXY GC/MS Acids               |  |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/15/2014   | 05/28/2014           | 150                | µg/L         | 29.4              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/15/2014   | 05/28/2014           | 150                | µg/L         | 48.2              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/15/2014   | 05/28/2014           | 150                | µg/L         | 92.8              | 56.7-128                   |
| OXY Volatiles by 8260         |  |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |  | 05/13/2014           | 10                 | µg/L         | 94.1              | 74.9-126                   |
| TOLUENE-d8                    |  | 05/13/2014           | 10                 | µg/L         | 108               | 90.5-117                   |
| <b>Lab Number: 14050862</b>   | <b>Sample Description:WG-05092014-JR-MW29S2</b>    |                      |                    |              |                   |                            |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/15/2014   | 05/27/2014           | 5.0                | µg/L         | 87.5              | 61.3-125                   |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/15/2014   | 05/27/2014           | 5.0                | µg/L         | 87.5              | 61.3-125                   |
| OXY Chlorinated Hyd.          |  |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/15/2014   | 05/23/2014           | 8.0                | µg/L         | 85.6              | 58.6-99.8                  |
| OXY GC/MS Acids               |  |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/15/2014   | 05/28/2014           | 150                | µg/L         | 32.1              | 22.3-43.0                  |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

| <b>Surrogate</b>                                 | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|--|----------------------|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14050862</b>                      |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05092014-JR-MW29S2</b>  |                      |                      |                    |              |                   |                            |
| OXY GC/MS Acids                                  |                      |                      |                    |              |                   |                            |
| 2-FLUOROPHENOL                                   | 05/15/2014           | 05/28/2014           | 150                | µg/L         | 51.3              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                             | 05/15/2014           | 05/28/2014           | 150                | µg/L         | 99.5              | 56.7-128                   |
| OXY Volatiles by 8260                            |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                            |                      | 05/13/2014           | 40                 | µg/L         | 99.1              | 74.9-126                   |
| TOLUENE-d8                                       |                      | 05/13/2014           | 40                 | µg/L         | 107               | 90.5-117                   |
| <b>Lab Number: 14050863</b>                      |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05102014-JR-MW17S1</b>  |                      |                      |                    |              |                   |                            |
| Herbicides                                       |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                    | 05/15/2014           | 05/27/2014           | 5.0                | µg/L         | 83.7              | 61.3-125                   |
| Herbicides                                       |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                    | 05/15/2014           | 05/27/2014           | 5.0                | µg/L         | 83.7              | 61.3-125                   |
| OXY Chlorinated Hyd.                             |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                          | 05/15/2014           | 05/23/2014           | 8.0                | µg/L         | 82.2              | 58.6-99.8                  |
| OXY GC/MS Acids                                  |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/15/2014           | 05/28/2014           | 150                | µg/L         | 29.6              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                   | 05/15/2014           | 05/28/2014           | 150                | µg/L         | 46.2              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                             | 05/15/2014           | 05/28/2014           | 150                | µg/L         | 86.9              | 56.7-128                   |
| OXY Volatiles by 8260                            |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                            |                      | 05/14/2014           | 10                 | µg/L         | 95.0              | 74.9-126                   |
| TOLUENE-d8                                       |                      | 05/14/2014           | 10                 | µg/L         | 105               | 90.5-117                   |
| <b>Lab Number: 14050864</b>                      |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05102014-JR-MW17S3A</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                       |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                    | 05/15/2014           | 05/28/2014           | 5.0                | µg/L         | 87.3              | 61.3-125                   |
| Herbicides                                       |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                    | 05/15/2014           | 05/28/2014           | 5.0                | µg/L         | 87.3              | 61.3-125                   |
| OXY Chlorinated Hyd.                             |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                          | 05/15/2014           | 05/23/2014           | 8.0                | µg/L         | 82.2              | 58.6-99.8                  |
| OXY GC/MS Acids                                  |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/15/2014           | 05/28/2014           | 150                | µg/L         | 29.4              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                   | 05/15/2014           | 05/28/2014           | 150                | µg/L         | 47.0              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                             | 05/15/2014           | 05/28/2014           | 150                | µg/L         | 85.3              | 56.7-128                   |
| OXY Volatiles by 8260                            |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                            |                      | 05/14/2014           | 10                 | µg/L         | 99.1              | 74.9-126                   |
| TOLUENE-d8                                       |                      | 05/14/2014           | 10                 | µg/L         | 105               | 90.5-117                   |
| <b>Lab Number: 14050865</b>                      |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05102014-JR-MW17S3B</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                       |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                    | 05/15/2014           | 05/28/2014           | 5.0                | µg/L         | 83.5              | 61.3-125                   |
| Herbicides                                       |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                    | 05/15/2014           | 05/28/2014           | 5.0                | µg/L         | 83.5              | 61.3-125                   |
| OXY Chlorinated Hyd.                             |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                          | 05/16/2014           | 05/29/2014           | 8.0                | µg/L         | 75.9              | 58.6-99.8                  |
| OXY GC/MS Acids                                  |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/15/2014           | 05/28/2014           | 150                | µg/L         | 30.6              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                   | 05/15/2014           | 05/28/2014           | 150                | µg/L         | 48.3              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                             | 05/15/2014           | 05/28/2014           | 150                | µg/L         | 85.5              | 56.7-128                   |
| OXY Volatiles by 8260                            |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                            |                      | 05/13/2014           | 10                 | µg/L         | 105               | 74.9-126                   |
| TOLUENE-d8                                       |                      | 05/13/2014           | 10                 | µg/L         | 96.3              | 90.5-117                   |
| <b>Lab Number: 14050866</b>                      |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05102014-JR-MW06S3</b>  |                      |                      |                    |              |                   |                            |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

| <b>Surrogate</b>                                | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|---|----------------------|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14050866</b>                     |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05102014-JR-MW06S3</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/16/2014           | 05/29/2014           | 5.0                | µg/L         | 96.5              | 61.3-125                   |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/16/2014           | 05/29/2014           | 5.0                | µg/L         | 96.5              | 61.3-125                   |
| OXY Chlorinated Hyd.                            |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                         | 05/16/2014           | 05/29/2014           | 8.0                | µg/L         | 78.7              | 58.6-99.8                  |
| OXY GC/MS Acids                                 |                      |                      |                    |              |                   |                            |
| PHENOL-d6                                       | 05/15/2014           | 05/28/2014           | 150                | µg/L         | 30.6              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                  | 05/15/2014           | 05/28/2014           | 150                | µg/L         | 47.1              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 05/15/2014           | 05/28/2014           | 150                | µg/L         | 85.0              | 56.7-128                   |
| OXY Volatiles by 8260                           |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                           |                      | 05/13/2014           | 10                 | µg/L         | 109               | 74.9-126                   |
| TOLUENE-d8                                      |                      | 05/13/2014           | 10                 | µg/L         | 96.0              | 90.5-117                   |
| <b>Lab Number: 14050867</b>                     |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05102014-JR-MW06S1</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/16/2014           | 05/29/2014           | 10                 | µg/L         | 90.5              | 61.3-125                   |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/16/2014           | 05/29/2014           | 10                 | µg/L         | 90.5              | 61.3-125                   |
| OXY Chlorinated Hyd.                            |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                         | 05/16/2014           | 05/29/2014           | 8.0                | µg/L         | 80.5              | 58.6-99.8                  |
| OXY GC/MS Acids                                 |                      |                      |                    |              |                   |                            |
| PHENOL-d6                                       | 05/16/2014           | 05/29/2014           | 150                | µg/L         | 29.3              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                  | 05/16/2014           | 05/29/2014           | 150                | µg/L         | 46.3              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 05/16/2014           | 05/29/2014           | 150                | µg/L         | 85.3              | 56.7-128                   |
| OXY Volatiles by 8260                           |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                           |                      | 05/13/2014           | 10                 | µg/L         | 106               | 74.9-126                   |
| TOLUENE-d8                                      |                      | 05/13/2014           | 10                 | µg/L         | 94.3              | 90.5-117                   |
| <b>Lab Number: 14050868</b>                     |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05112014-JR-MW08S2</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/15/2014           | 05/28/2014           | 5.0                | µg/L         | 94.9              | 61.3-125                   |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/15/2014           | 05/28/2014           | 5.0                | µg/L         | 94.9              | 61.3-125                   |
| OXY Chlorinated Hyd.                            |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                         | 05/16/2014           | 05/29/2014           | 8.0                | µg/L         | 86.7              | 58.6-99.8                  |
| OXY GC/MS Acids                                 |                      |                      |                    |              |                   |                            |
| PHENOL-d6                                       | 05/16/2014           | 05/29/2014           | 150                | µg/L         | 28.9              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                  | 05/16/2014           | 05/29/2014           | 150                | µg/L         | 46.2              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 05/16/2014           | 05/29/2014           | 150                | µg/L         | 84.4              | 56.7-128                   |
| OXY Volatiles by 8260                           |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                           |                      | 05/13/2014           | 10                 | µg/L         | 110.              | 74.9-126                   |
| TOLUENE-d8                                      |                      | 05/13/2014           | 10                 | µg/L         | 95.5              | 90.5-117                   |
| <b>Lab Number: 14050869</b>                     |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05112014-JR-MW08S1</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/16/2014           | 05/31/2014           | 5.0                | µg/L         | 115               | 61.3-125                   |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/16/2014           | 05/30/2014           | 5.0                | µg/L         | 97.2              | 61.3-125                   |
| OXY Chlorinated Hyd.                            |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                         | 05/16/2014           | 05/29/2014           | 8.0                | µg/L         | 76.2              | 58.6-99.8                  |
| OXY GC/MS Acids                                 |                      |                      |                    |              |                   |                            |
| PHENOL-d6                                       | 05/16/2014           | 05/29/2014           | 150                | µg/L         | 30.2              | 22.3-43.0                  |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

| <b>Surrogate</b>                                | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|---|----------------------|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14050869</b>                     |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05112014-JR-MW08S1</b> |                      |                      |                    |              |                   |                            |
| OXY GC/MS Acids                                 |                      |                      |                    |              |                   |                            |
| 2-FLUOROPHENOL                                  | 05/16/2014           | 05/29/2014           | 150                | µg/L         | 47.9              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 05/16/2014           | 05/29/2014           | 150                | µg/L         | 95.1              | 56.7-128                   |
| OXY Volatiles by 8260                           |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                           |                      | 05/13/2014           | 10                 | µg/L         | 106               | 74.9-126                   |
| TOLUENE-d8                                      |                      | 05/13/2014           | 10                 | µg/L         | 95.2              | 90.5-117                   |
| <b>Lab Number: 14050870</b>                     |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05112014-JR-MW08S3</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/16/2014           | 05/30/2014           | 5.0                | µg/L         | 85.2              | 61.3-125                   |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/16/2014           | 05/30/2014           | 5.0                | µg/L         | 85.2              | 61.3-125                   |
| OXY Chlorinated Hyd.                            |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                         | 05/16/2014           | 05/30/2014           | 8.0                | µg/L         | 77.2              | 58.6-99.8                  |
| OXY GC/MS Acids                                 |                      |                      |                    |              |                   |                            |
| PHENOL-d6                                       | 05/16/2014           | 05/29/2014           | 150                | µg/L         | 28.2              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                  | 05/16/2014           | 05/29/2014           | 150                | µg/L         | 44.1              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 05/16/2014           | 05/29/2014           | 150                | µg/L         | 86.7              | 56.7-128                   |
| OXY Volatiles by 8260                           |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                           |                      | 05/14/2014           | 40                 | µg/L         | 88.9              | 74.9-126                   |
| TOLUENE-d8                                      |                      | 05/14/2014           | 40                 | µg/L         | 103               | 90.5-117                   |
| <b>Lab Number: 14050871</b>                     |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05112014-JR-MW30S3</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/16/2014           | 05/30/2014           | 5.0                | µg/L         | 93.0              | 61.3-125                   |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/16/2014           | 05/30/2014           | 5.0                | µg/L         | 93.0              | 61.3-125                   |
| OXY Chlorinated Hyd.                            |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                         | 05/16/2014           | 05/30/2014           | 8.0                | µg/L         | 76.5              | 58.6-99.8                  |
| OXY GC/MS Acids                                 |                      |                      |                    |              |                   |                            |
| PHENOL-d6                                       | 05/16/2014           | 05/29/2014           | 150                | µg/L         | 28.7              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                  | 05/16/2014           | 05/29/2014           | 150                | µg/L         | 47.9              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 05/16/2014           | 05/29/2014           | 150                | µg/L         | 86.8              | 56.7-128                   |
| OXY Volatiles by 8260                           |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                           |                      | 05/14/2014           | 4000               | µg/L         | 94.0              | 74.9-126                   |
| TOLUENE-d8                                      |                      | 05/14/2014           | 4000               | µg/L         | 108               | 90.5-117                   |
| <b>Lab Number: 14050872</b>                     |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05112014-JR-MW30S1</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/16/2014           | 05/30/2014           | 5.0                | µg/L         | 88.3              | 61.3-125                   |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/16/2014           | 05/30/2014           | 5.0                | µg/L         | 88.3              | 61.3-125                   |
| OXY Chlorinated Hyd.                            |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                         | 05/16/2014           | 05/30/2014           | 8.0                | µg/L         | 77.0              | 58.6-99.8                  |
| OXY GC/MS Acids                                 |                      |                      |                    |              |                   |                            |
| PHENOL-d6                                       | 05/16/2014           | 05/29/2014           | 150                | µg/L         | 28.4              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                  | 05/16/2014           | 05/29/2014           | 150                | µg/L         | 45.5              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 05/16/2014           | 05/29/2014           | 150                | µg/L         | 83.6              | 56.7-128                   |
| OXY Volatiles by 8260                           |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                           |                      | 05/13/2014           | 10                 | µg/L         | 110.              | 74.9-126                   |
| TOLUENE-d8                                      |                      | 05/13/2014           | 10                 | µg/L         | 94.1              | 90.5-117                   |
| <b>Lab Number: 14050873</b>                     |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05112014-AK-AMW16D</b> |                      |                      |                    |              |                   |                            |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

| <b>Surrogate</b>              | <b>Date Prepared</b>                            | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|-------------------------------|---|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14050873</b>   | <b>Sample Description:WG-05112014-AK-AMW16D</b> |                      |                    |              |                   |                            |
| Herbicides                    |   |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/16/2014                                      | 05/30/2014           | 5.0                | µg/L         | 90.9              | 61.3-125                   |
| Herbicides                    |   |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/16/2014                                      | 05/30/2014           | 5.0                | µg/L         | 90.9              | 61.3-125                   |
| OXY Chlorinated Hyd.          |   |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/16/2014                                      | 05/30/2014           | 8.0                | µg/L         | 83.8              | 58.6-99.8                  |
| OXY GC/MS Acids               |   |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/16/2014                                      | 05/29/2014           | 150                | µg/L         | 29.8              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/16/2014                                      | 05/29/2014           | 150                | µg/L         | 48.3              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/16/2014                                      | 05/29/2014           | 150                | µg/L         | 84.8              | 56.7-128                   |
| OXY Volatiles by 8260         |   |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |   | 05/13/2014           | 10                 | µg/L         | 110.              | 74.9-126                   |
| TOLUENE-d8                    |   | 05/13/2014           | 10                 | µg/L         | 97.2              | 90.5-117                   |
| <b>Lab Number: 14050874</b>   | <b>Sample Description:WG-05112014-AK-AMW16S</b> |                      |                    |              |                   |                            |
| Herbicides                    |   |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/16/2014                                      | 05/30/2014           | 5.0                | µg/L         | 100.              | 61.3-125                   |
| Herbicides                    |   |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/16/2014                                      | 05/30/2014           | 5.0                | µg/L         | 100.              | 61.3-125                   |
| OXY Chlorinated Hyd.          |   |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/16/2014                                      | 05/30/2014           | 8.0                | µg/L         | 72.7              | 58.6-99.8                  |
| OXY GC/MS Acids               |   |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/16/2014                                      | 05/29/2014           | 150                | µg/L         | 26.7              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/16/2014                                      | 05/29/2014           | 150                | µg/L         | 41.5              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/16/2014                                      | 05/29/2014           | 150                | µg/L         | 85.0              | 56.7-128                   |
| OXY Volatiles by 8260         |   |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |   | 05/13/2014           | 10                 | µg/L         | 110.              | 74.9-126                   |
| TOLUENE-d8                    |   | 05/13/2014           | 10                 | µg/L         | 96.4              | 90.5-117                   |
| <b>Lab Number: 14050875</b>   | <b>Sample Description:WG-05112014-AK-AMW4D</b>  |                      |                    |              |                   |                            |
| Herbicides                    |   |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/16/2014                                      | 05/30/2014           | 5.0                | µg/L         | 98.4              | 61.3-125                   |
| Herbicides                    |   |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/16/2014                                      | 05/30/2014           | 5.0                | µg/L         | 98.4              | 61.3-125                   |
| OXY Chlorinated Hyd.          |   |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/16/2014                                      | 05/30/2014           | 8.0                | µg/L         | 85.7              | 58.6-99.8                  |
| OXY GC/MS Acids               |   |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/16/2014                                      | 05/29/2014           | 150                | µg/L         | 27.3              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/16/2014                                      | 05/29/2014           | 150                | µg/L         | 43.8              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/16/2014                                      | 05/29/2014           | 150                | µg/L         | 83.9              | 56.7-128                   |
| OXY Volatiles by 8260         |   |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |   | 05/13/2014           | 10                 | µg/L         | 114               | 74.9-126                   |
| TOLUENE-d8                    |   | 05/13/2014           | 10                 | µg/L         | 94.9              | 90.5-117                   |
| <b>Lab Number: 14050876</b>   | <b>Sample Description:WG-05112014-AK-AMW4S</b>  |                      |                    |              |                   |                            |
| Herbicides                    |   |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/16/2014                                      | 05/30/2014           | 5.0                | µg/L         | 99.1              | 61.3-125                   |
| Herbicides                    |   |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/16/2014                                      | 05/30/2014           | 5.0                | µg/L         | 99.1              | 61.3-125                   |
| OXY Chlorinated Hyd.          |   |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/16/2014                                      | 05/30/2014           | 8.0                | µg/L         | 78.0              | 58.6-99.8                  |
| OXY GC/MS Acids               |   |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/16/2014                                      | 05/30/2014           | 150                | µg/L         | 28.4              | 22.3-43.0                  |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

| <b>Surrogate</b>                                 | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|--|----------------------|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14050876</b>                      |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05112014-AK-AMW4S</b>   |                      |                      |                    |              |                   |                            |
| OXY GC/MS Acids                                  |                      |                      |                    |              |                   |                            |
| 2-FLUOROPHENOL                                   | 05/16/2014           | 05/30/2014           | 150                | µg/L         | 45.1              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                             | 05/16/2014           | 05/30/2014           | 150                | µg/L         | 80.0              | 56.7-128                   |
| OXY Volatiles by 8260                            |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                            |                      | 05/13/2014           | 10                 | µg/L         | 113               | 74.9-126                   |
| TOLUENE-d8                                       |                      | 05/13/2014           | 10                 | µg/L         | 95.1              | 90.5-117                   |
| <b>Lab Number: 14050877</b>                      |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05112014-AK-AMW8D</b>   |                      |                      |                    |              |                   |                            |
| Herbicides                                       |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                    | 05/16/2014           | 05/30/2014           | 5.0                | µg/L         | 87.0              | 61.3-125                   |
| Herbicides                                       |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                    | 05/16/2014           | 05/30/2014           | 5.0                | µg/L         | 87.0              | 61.3-125                   |
| OXY Chlorinated Hyd.                             |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                          | 05/16/2014           | 05/30/2014           | 8.0                | µg/L         | 77.0              | 58.6-99.8                  |
| OXY GC/MS Acids                                  |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/16/2014           | 05/30/2014           | 150                | µg/L         | 30.9              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                   | 05/16/2014           | 05/30/2014           | 150                | µg/L         | 48.8              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                             | 05/16/2014           | 05/30/2014           | 150                | µg/L         | 84.9              | 56.7-128                   |
| OXY Volatiles by 8260                            |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                            |                      | 05/13/2014           | 10                 | µg/L         | 111               | 74.9-126                   |
| TOLUENE-d8                                       |                      | 05/13/2014           | 10                 | µg/L         | 93.1              | 90.5-117                   |
| <b>Lab Number: 14050878</b>                      |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05112014-AK-AMW8S</b>   |                      |                      |                    |              |                   |                            |
| Herbicides                                       |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                    | 05/16/2014           | 05/30/2014           | 5.0                | µg/L         | 102               | 61.3-125                   |
| Herbicides                                       |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                    | 05/16/2014           | 05/30/2014           | 5.0                | µg/L         | 102               | 61.3-125                   |
| OXY Chlorinated Hyd.                             |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                          | 05/16/2014           | 05/30/2014           | 8.0                | µg/L         | 73.6              | 58.6-99.8                  |
| OXY GC/MS Acids                                  |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/16/2014           | 05/30/2014           | 150                | µg/L         | 29.4              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                   | 05/16/2014           | 05/30/2014           | 150                | µg/L         | 46.5              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                             | 05/16/2014           | 05/30/2014           | 150                | µg/L         | 83.5              | 56.7-128                   |
| OXY Volatiles by 8260                            |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                            |                      | 05/13/2014           | 10                 | µg/L         | 112               | 74.9-126                   |
| TOLUENE-d8                                       |                      | 05/13/2014           | 10                 | µg/L         | 93.7              | 90.5-117                   |
| <b>Lab Number: 14050879</b>                      |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05112014-AK-FD4</b>     |                      |                      |                    |              |                   |                            |
| Herbicides                                       |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                    | 05/16/2014           | 05/30/2014           | 5.0                | µg/L         | 83.1              | 61.3-125                   |
| Herbicides                                       |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                    | 05/16/2014           | 05/30/2014           | 5.0                | µg/L         | 83.1              | 61.3-125                   |
| OXY Chlorinated Hyd.                             |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                          | 05/16/2014           | 05/30/2014           | 8.0                | µg/L         | 82.7              | 58.6-99.8                  |
| OXY GC/MS Acids                                  |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/16/2014           | 05/30/2014           | 150                | µg/L         | 31.3              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                   | 05/16/2014           | 05/30/2014           | 150                | µg/L         | 48.7              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                             | 05/16/2014           | 05/30/2014           | 150                | µg/L         | 81.5              | 56.7-128                   |
| OXY Volatiles by 8260                            |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                            |                      | 05/13/2014           | 10                 | µg/L         | 114               | 74.9-126                   |
| TOLUENE-d8                                       |                      | 05/13/2014           | 10                 | µg/L         | 93.5              | 90.5-117                   |
| <b>Lab Number: 14050880</b>                      |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05122014-JR-AMW101D</b> |                      |                      |                    |              |                   |                            |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

| <b>Surrogate</b>                                   | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|--|----------------------|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14050880</b>                        |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05122014-JR-AMW101D</b>   |                      |                      |                    |              |                   |                            |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                      | 05/16/2014           | 05/30/2014           | 5.0                | µg/L         | 101               | 61.3-125                   |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                      | 05/16/2014           | 05/30/2014           | 5.0                | µg/L         | 101               | 61.3-125                   |
| OXY Chlorinated Hyd.                               |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                            | 05/19/2014           | 05/31/2014           | 8.0                | µg/L         | 70.8              | 58.6-99.8                  |
| OXY GC/MS Acids                                    |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/16/2014           | 05/30/2014           | 150                | µg/L         | 27.9              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                     | 05/16/2014           | 05/30/2014           | 150                | µg/L         | 46.2              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                               | 05/16/2014           | 05/30/2014           | 150                | µg/L         | 87.0              | 56.7-128                   |
| OXY Volatiles by 8260                              |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                              |                      | 05/13/2014           | 10                 | µg/L         | 108               | 74.9-126                   |
| TOLUENE-d8   |                      | 05/13/2014           | 10                 | µg/L         | 94.0              | 90.5-117                   |
| <b>Lab Number: 14050881</b>                        |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05122014-JR-MW138S2S3</b> |                      |                      |                    |              |                   |                            |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                      | 05/16/2014           | 05/30/2014           | 5.0                | µg/L         | 83.0              | 61.3-125                   |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                      | 05/16/2014           | 05/30/2014           | 5.0                | µg/L         | 83.0              | 61.3-125                   |
| OXY Chlorinated Hyd.                               |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                            | 05/19/2014           | 05/31/2014           | 8.0                | µg/L         | 79.0              | 58.6-99.8                  |
| OXY GC/MS Acids                                    |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/16/2014           | 05/30/2014           | 150                | µg/L         | 29.7              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                     | 05/16/2014           | 05/30/2014           | 150                | µg/L         | 46.1              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                               | 05/16/2014           | 05/30/2014           | 150                | µg/L         | 83.7              | 56.7-128                   |
| OXY Volatiles by 8260                              |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                              |                      | 05/13/2014           | 10                 | µg/L         | 109               | 74.9-126                   |
| TOLUENE-d8   |                      | 05/13/2014           | 10                 | µg/L         | 97.2              | 90.5-117                   |
| <b>Lab Number: 14050882</b>                        |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05122014-JR-MW138S1</b>   |                      |                      |                    |              |                   |                            |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                      | 05/19/2014           | 05/30/2014           | 5.0                | µg/L         | 93.7              | 61.3-125                   |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                      | 05/19/2014           | 05/30/2014           | 5.0                | µg/L         | 93.7              | 61.3-125                   |
| OXY Chlorinated Hyd.                               |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                            | 05/19/2014           | 05/31/2014           | 8.0                | µg/L         | 83.0              | 58.6-99.8                  |
| OXY GC/MS Acids                                    |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/19/2014           | 05/30/2014           | 150                | µg/L         | 32.1              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                     | 05/19/2014           | 05/30/2014           | 150                | µg/L         | 49.7              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                               | 05/19/2014           | 05/30/2014           | 150                | µg/L         | 78.4              | 56.7-128                   |
| OXY Volatiles by 8260                              |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                              |                      | 05/14/2014           | 10                 | µg/L         | 107               | 74.9-126                   |
| TOLUENE-d8   |                      | 05/14/2014           | 10                 | µg/L         | 98.3              | 90.5-117                   |
| <b>Lab Number: 14050883</b>                        |                      |                      |                    |              |                   |                            |
| <b>Sample Description:TB-05122014-JR</b>           |                      |                      |                    |              |                   |                            |
| OXY Volatiles by 8260                              |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                              |                      | 05/14/2014           | 10                 | µg/L         | 108               | 74.9-126                   |
| TOLUENE-d8   |                      | 05/14/2014           | 10                 | µg/L         | 95.7              | 90.5-117                   |
| <b>Lab Number: 14050885</b>                        |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05092014-JR-MW143S2S3</b> |                      |                      |                    |              |                   |                            |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                      | 05/15/2014           | 05/28/2014           | 5.0                | µg/L         | 96.1              | 61.3-125                   |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                      | 05/15/2014           | 05/28/2014           | 5.0                | µg/L         | 96.1              | 61.3-125                   |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

| <b>Surrogate</b>            | <b>Date Prepared</b>                               | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|-----------------------------|--|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14050885</b> | <b>Sample Description:WG-05092014-JR-MW143S2S3</b> |                      |                    |              |                   |                            |
| OXY Chlorinated Hyd.        |  |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE     | 05/15/2014   | 05/23/2014           | 8.0                | µg/L         | 81.1              | 58.6-99.8                  |
| OXY GC/MS Acids             |  |                      |                    |              |                   |                            |
| PHENOL-d6                   | 05/15/2014   | 05/28/2014           | 150                | µg/L         | 29.9              | 22.3-43.0                  |
| 2-FLUOROPHENOL              | 05/15/2014   | 05/28/2014           | 150                | µg/L         | 47.8              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL        | 05/15/2014   | 05/28/2014           | 150                | µg/L         | 88.4              | 56.7-128                   |
| OXY Volatiles by 8260       |  |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4       |  | 05/15/2014           | 10                 | µg/L         | 93.1              | 74.9-126                   |
| TOLUENE-d8                  |  | 05/15/2014           | 10                 | µg/L         | 104               | 90.5-117                   |

**Quality Control Report**  
**Continuing Calibration Report**

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

| <u>Analysis</u>                | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u>                          | <u>Amount Detected</u> | <u>Units</u> | <u>Percent Recovery</u> |
|--------------------------------|-------------------------|----------------------------|--|------------------------|--------------|-------------------------|
| 2,4-Dichlorophenoxyacetic Acid | 05/26/2014              | 1NX5146                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 05/26/2014              | 2NX5146                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 05/27/2014              | 1NX5147                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 05/27/2014              | 2NX5147                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 05/28/2014              | 3NX5147                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 05/29/2014              | 2NX5149                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 05/30/2014              | 3NX5149                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 05/30/2014              | 4NX5149                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 05/30/2014              | 1NX5150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 05/30/2014              | 2NX5150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 05/31/2014              | 3NX5150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 05/31/2014              | 4NX5150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 05/26/2014              | 1NX5146                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 05/26/2014              | 2NX5146                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 05/27/2014              | 1NX5147                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 05/27/2014              | 2NX5147                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 05/28/2014              | 3NX5147                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 05/29/2014              | 2NX5149                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 05/30/2014              | 3NX5149                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 05/30/2014              | 4NX5149                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 05/30/2014              | 1NX5150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 05/30/2014              | 2NX5150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 05/22/2014              | 2EX3142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 05/23/2014              | 3EX3142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 05/23/2014              | 4EX3142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 05/29/2014              | 1EX3149                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 05/29/2014              | 2EX3149                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 05/30/2014              | 1EX3150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 05/30/2014              | 2EX3150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 05/31/2014              | 3EX3150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 05/31/2014              | 4EX3150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/14/2014              | 4IC1134                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/15/2014              | 5IC1134                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/15/2014              | 7IC1134                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/15/2014              | 8IC1134                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/20/2014              | 1IC1140                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/20/2014              | 2IC1140                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/20/2014              | 3IC1140                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/20/2014              | 4IC1140                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Hardness (Calculated)          | 05/20/2014              | 10IP4140                   | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Hardness (Calculated)          | 05/20/2014              | 11IP4140                   | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Hardness (Calculated)          | 05/20/2014              | 12IP4140                   | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Hardness (Calculated)          | 05/21/2014              | 5IP4141                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |

**Quality Control Report**  
**Continuing Calibration Report**

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/03/2014  
 Date Received: 05/12/2014  
 Continental File No: 7775  
 Continental Order No: 118573

|                           |            |         |  |     |       |     |    |
|---------------------------|------------|---------|--|-----|-------|-----|----|
| Hardness (Calculated)     | 05/21/2014 | 6IP4141 | CCV recovery acceptable for this Instrument Batch. |     |       |     |    |
| Hardness (Calculated)     | 05/20/2014 | 7IP4140 | CCV recovery acceptable for this Instrument Batch. |     |       |     |    |
| Hardness (Calculated)     | 05/20/2014 | 8IP4140 | CCV recovery acceptable for this Instrument Batch. |     |       |     |    |
| Hardness (Calculated)     | 05/20/2014 | 9IP4140 | CCV recovery acceptable for this Instrument Batch. |     |       |     |    |
| OXY GC/MS Acids           | 05/27/2014 |         | CCV recovery acceptable except as qualified below. |     |       |     |    |
| 2,3,4,5-Tetrachlorophenol | 05/27/2014 | 1MS6147 | 100  | 104 | µg/ml | 104 | CE |

Samples associated with this Continuing Calibration Verification:

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14050852                 | 1MS6147                 | WG-05092014-AK-MW21S3     |
| 14050853                 | 1MS6147                 | WG-05092014-AK-MW21S1     |
| 14050854                 | 1MS6147                 | WG-05092014-AK-MW142S2/S3 |
| 14050855                 | 1MS6147                 | WG-05092014-AK-MW139S2/S3 |
| 14050856                 | 1MS6147                 | WG-05102014-AK-AMW102D    |

| <u>Analysis</u>           | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u>                          | <u>Amount Detected</u> | <u>Units</u> | <u>Percent Recovery</u> |
|---------------------------|-------------------------|----------------------------|--|------------------------|--------------|-------------------------|
| OXY GC/MS Acids           | 05/28/2014              |                            | CCV recovery acceptable except as qualified below. |                        |              |                         |
| 2,3,4,5-Tetrachlorophenol | 05/28/2014              | 1MS6148                    | 100  | 101                    | µg/ml        | 101 CE                  |

Samples associated with this Continuing Calibration Verification:

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14050857                 | 1MS6148                 | WG-05102014-AK-MW26S3     |
| 14050858                 | 1MS6148                 | WG-05102014-AK-MW26S1     |
| 14050859                 | 1MS6148                 | WG-05102014-AK-APMW302S3  |
| 14050860                 | 1MS6148                 | WG-05102014-AK-APMW302S2  |
| 14050861                 | 1MS6148                 | WG-05102014-AK-APMW302S1  |
| 14050862                 | 1MS6148                 | WG-05092014-JR-MW29S2     |
| 14050863                 | 1MS6148                 | WG-05102014-JR-MW17S1     |
| 14050864                 | 1MS6148                 | WG-05102014-JR-MW17S3A    |
| 14050865                 | 1MS6148                 | WG-05102014-JR-MW17S3B    |
| 14050866                 | 1MS6148                 | WG-05102014-JR-MW06S3     |
| 14050885                 | 1MS6148                 | WG-05092014-JR-MW143S2S3  |

| <u>Analysis</u>           | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u>                          | <u>Amount Detected</u> | <u>Units</u> | <u>Percent Recovery</u> |
|---------------------------|-------------------------|----------------------------|--|------------------------|--------------|-------------------------|
| OXY GC/MS Acids           | 05/29/2014              |                            | CCV recovery acceptable except as qualified below. |                        |              |                         |
| 2,3,4,5-Tetrachlorophenol | 05/29/2014              | 1MS6149                    | 100  | 102                    | µg/ml        | 102 CE                  |

Samples associated with this Continuing Calibration Verification:

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14050867                 | 1MS6149                 | WG-05102014-JR-MW06S1     |
| 14050868                 | 1MS6149                 | WG-05112014-JR-MW08S2     |
| 14050869                 | 1MS6149                 | WG-05112014-JR-MW08S1     |
| 14050870                 | 1MS6149                 | WG-05112014-JR-MW08S3     |
| 14050871                 | 1MS6149                 | WG-05112014-JR-MW30S3     |
| 14050872                 | 1MS6149                 | WG-05112014-JR-MW30S1     |
| 14050873                 | 1MS6149                 | WG-05112014-AK-AMW16D     |

**Quality Control Report  
Continuing Calibration Report**

Page: 89

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/03/2014  
Date Received: 05/12/2014  
Continental File No: 7775  
Continental Order No: 118573

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14050874                 | 1MS6149                 | WG-05112014-AK-AMW16S     |
| 14050875                 | 1MS6149                 | WG-05112014-AK-AMW4D      |

| <u>Analysis</u>           | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u> | <u>Amount Detected</u>                             | <u>Units</u> | <u>Percent Recovery</u> |
|---------------------------|-------------------------|----------------------------|---------------------------|--|--------------|-------------------------|
| OXY GC/MS Acids           | 05/30/2014              |                            |                           | CCV recovery acceptable except as qualified below. |              |                         |
| 2,3,4,5-Tetrachlorophenol | 05/30/2014              | 1MS6150                    | 100                       | 102  | µg/ml        | 102 CE                  |

Samples associated with this Continuing Calibration Verification:

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14050876                 | 1MS6150                 | WG-05112014-AK-AMW4S      |
| 14050877                 | 1MS6150                 | WG-05112014-AK-AMW8D      |
| 14050878                 | 1MS6150                 | WG-05112014-AK-AMW8S      |
| 14050879                 | 1MS6150                 | WG-05112014-AK-FD4        |
| 14050880                 | 1MS6150                 | WG-05122014-JR-AMW101D    |
| 14050881                 | 1MS6150                 | WG-05122014-JR-MW138S2S3  |

| <u>Analysis</u>           | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u> | <u>Amount Detected</u>                             | <u>Units</u> | <u>Percent Recovery</u> |
|---------------------------|-------------------------|----------------------------|---------------------------|--|--------------|-------------------------|
| OXY GC/MS Acids           | 05/30/2014              |                            |                           | CCV recovery acceptable except as qualified below. |              |                         |
| 2,3,4,5-Tetrachlorophenol | 05/30/2014              | 3MS6150                    | 100                       | 98.3   | µg/ml        | 98.3 CE                 |

Samples associated with this Continuing Calibration Verification:

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14050882                 | 3MS6150                 | WG-05122014-JR-MW138S1    |

| <u>Analysis</u>       | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u> | <u>Amount Detected</u>                             | <u>Units</u> | <u>Percent Recovery</u> |
|-----------------------|-------------------------|----------------------------|---------------------------|--|--------------|-------------------------|
| OXY Volatiles by 8260 | 05/13/2014              | 1MS5133                    |                           | CCV recovery acceptable for this Instrument Batch. |              |                         |
| OXY Volatiles by 8260 | 05/14/2014              | 1MS5134                    |                           | CCV recovery acceptable for this Instrument Batch. |              |                         |
| OXY Volatiles by 8260 | 05/13/2014              | 1MS9133                    |                           | CCV recovery acceptable for this Instrument Batch. |              |                         |

**Data Qualifiers:**

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

- Laboratory Report Conclusion -



**CONESTOGA-ROVERS**  
& ASSOCIATES

**CHAIN OF CUSTODY RECORD**

COC NO.: 38262  
PAGE 1 OF 3  
(See Reverse Side for Instructions)

Address: 8615 W. Bryn Mawr Ave., Chicago IL  
Phone: 773-386-9933 Fax:

Project No./Phase/Task Code:  
**054046 - 042407**

Project Name:  
**OCC Wichita**

Project Location:  
**Wichita KS**

Chemistry Contact:

**Paul McMahon**

Sampler(s):  
**Jeremy Page, Andrew Keim**

| ITEM   | SAMPLE IDENTIFICATION<br>(Containers for each sample may be combined on one line) | DATE<br>(Immediately) | TIME<br>(mm:ss) | CONTAINER QUANTITY &<br>PRESERVATION |                                  | ANALYSIS REQUESTED<br>(See Back of COC for Definitions) | Carrier: | Airbill No:                          |
|--|---|-----------------------|-----------------|--------------------------------------|----------------------------------|---|----------|--------------------------------------|
|  |   |                       |                 | SAMPLE<br>TYPE                       | MATRIX CODE<br>(see back of COC) |   |          |                                      |
| 1  | W69 - 05092014 - AK - MW21S3  | 5/9/14                | 3:30            | W69                                  | 4                                | 5   | 3        |                                      |
| 2  | W69 - 05092014 - AK - MW21S1  |                       | 14:00           |                                      | 1                                | 5   | 3        |                                      |
| 3  | W69 - 05092014 - AK - MW14282K3   |                       | 15:15           |                                      |                                  | 5   | 3        |                                      |
| 4  | W69 - 05092014 - AK - MW3932K3  |                       | 16:05           |                                      |                                  | 5   | 3        |                                      |
| 5  | W69 - 05092014 - AK - MW14282K3   |                       | 16:30           |                                      |                                  | 5   | 3        |                                      |
| 6  | W69 - 05102014 - AK - MW21S3  |                       | 12:05           |                                      |                                  | 5   | 3        |                                      |
| 7  | W69 - 05102014 - AK - MW21S1  |                       | 13:55           |                                      |                                  | 5   | 3        |                                      |
| 8  | W69 - 05102014 - AK - MW14282K3   |                       | 15:45           |                                      |                                  | 5   | 3        |                                      |
| 9  | W69 - 05102014 - AK - APW13032  |                       | 16:50           |                                      |                                  | 5   | 3        |                                      |
| 0  | W69 - 05102014 - AK - APW13032  |                       | 17:15           |                                      |                                  | 5   | 3        |                                      |
| 1  | W69 - 050922014 - JR - MW14282K3  | 5/9/14                | 15:35           |                                      |                                  | 5   | 3        |                                      |
| 1  | W69 - 05102014 - JR - MW17S1  | 5/10/14               | 10:25           |                                      |                                  | 5   | 3        |                                      |
| 1  | W69 - 05102014 - JR - MW17S3A   |                       | 11:05           |                                      |                                  | 5   | 3        |                                      |
| 3  | W69 - 05102014 - JR - MW17S3B   |                       | 11:35           |                                      |                                  | 5   | 3        |                                      |
| 4  | W69 - 05102014 - JR - MW06S3  |                       | 14:10           |                                      |                                  | 5   | 3        |                                      |
| 5  | W69 - 05102014 - JR - MW06S3  |                       | 14:10           |                                      |                                  | 5   | 3        |                                      |
| TAT Required in business days (use separate COCs for different TATs):  |   |                       |                 |                                      |                                  |   |          |                                      |
| <input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Days <input type="checkbox"/> 3 Days <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week <input type="checkbox"/> Other: |   |                       |                 |                                      |                                  |   |          |                                      |
|  |   |                       |                 |                                      |                                  |   |          | Total Number of Containers:          |
|  |   |                       |                 |                                      |                                  |   |          | All Samples in Cooler must be on COC |
| RELINQUISHED BY  |   | COMPANY               | DATE            | TIME                                 | COMPANY                          | DATE  | TIME     |                                      |
| 1. <i>J. Page</i>  |   | CRA                   | 5/12/14         | 1500                                 | 1. <i>CAS</i>                    | 5/12/14   | 1500     |                                      |
| 2. <i>A. Keim</i>  |   | CRA                   | 5/12/14         | 1645                                 | 2. <i>CAS</i>                    | 5/12/14   | 1645     |                                      |
| 3. <i></i>   |   |                       |                 |                                      | 3. <i>CAS</i>                    | 5/12/14   | 1645     |                                      |

Notes/ Special Requirements:

Total Number of Containers:

RECEIVED BY:

1.

2.

3.

Distribution:  
WHITE – Fully Executed Copy (CRA)      YELLOW – Receiving Laboratory Copy

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT – ALL FIELDS MUST BE COMPLETED ACCURATELY  
GOLDENROD – Sampling Crew

PINK – Shipper



# CHAIN OF CUSTODY RECORD

**CONESTOGA-ROVERS  
& ASSOCIATES**

Address: 8615 W. Bryn Mawr Ave, Chicago, IL

Phone: 773-320-9933

Fax: \_\_\_\_\_

**Project Name:** W. J. Chita

**Project Location:** Wichita, KS

**Chemistry Contact:** Paul McMahon

**Sampler(s):** Serena Rayen, Andrew Krepin

**Project No/ Phase/Task Code:** DR 4046 / 42407

**Laboratory Name:** Continental Analytical

**Lab Contact:** Craig Baker

**Lab Quote No.:** Salina KS

**Carrier:** Cooler No: \_\_\_\_\_

**Airbill No:** \_\_\_\_\_

**Date Shipped:** \_\_\_\_\_

**Comments:** Chloroform/HAc  
PbS/HAc  
SVOCs  
VOCs

**MS/SD Request:** \_\_\_\_\_

**Special Instructions:** \_\_\_\_\_

**Total Contaminant Sample**

**Dates:** \_\_\_\_\_

**Enclosures 3x5-g, 1x2.5-g**

**Sodium Hydroxide (NaOH)**

**Nitric Acid (HNO<sub>3</sub>)**

**Sulfuric Acid (H<sub>2</sub>SO<sub>4</sub>)**

**Methanol/Water (Soil VOC)**

**Hydrochloric Acid (HCl)**

**Unpreserved**

**Grab (g) or Comp (g)**

**Matrix Code  
(see back of COC)**

**Sample Identification**

**SSOW ID:** \_\_\_\_\_

**Carrier:** \_\_\_\_\_

**Lab Quote No.:** \_\_\_\_\_

**Carrier:** \_\_\_\_\_

**Airbill No:** \_\_\_\_\_

**Date Shipped:** \_\_\_\_\_

**Comments:** \_\_\_\_\_

**MS/SD Request:** \_\_\_\_\_

**Special Instructions:** \_\_\_\_\_

**Total Contaminant Sample**

**Dates:** \_\_\_\_\_

**Enclosures 3x5-g, 1x2.5-g**

**Sodium Hydroxide (NaOH)**

**Nitric Acid (HNO<sub>3</sub>)**

**Sulfuric Acid (H<sub>2</sub>SO<sub>4</sub>)**

**Methanol/Water (Soil VOC)**

**Hydrochloric Acid (HCl)**

**Unpreserved**

**Grab (g) or Comp (g)**

**Matrix Code  
(see back of COC)**

**Sample Identification**

**SSOW ID:** \_\_\_\_\_

**Carrier:** \_\_\_\_\_

**Lab Quote No.:** \_\_\_\_\_

**Carrier:** \_\_\_\_\_

**Airbill No:** \_\_\_\_\_

**Date Shipped:** \_\_\_\_\_

**Comments:** \_\_\_\_\_

**MS/SD Request:** \_\_\_\_\_

**Special Instructions:** \_\_\_\_\_

**Total Contaminant Sample**

**Dates:** \_\_\_\_\_

**Enclosures 3x5-g, 1x2.5-g**

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**Nitric Acid (HNO<sub>3</sub>)**

**Sulfuric Acid (H<sub>2</sub>SO<sub>4</sub>)**

**Methanol/Water (Soil VOC)**

**Hydrochloric Acid (HCl)**

**Unpreserved**

**Grab (g) or Comp (g)**

**Matrix Code  
(see back of COC)**

**Sample Identification**

**SSOW ID:** \_\_\_\_\_

**Carrier:** \_\_\_\_\_

**Lab Quote No.:** \_\_\_\_\_

**Carrier:** \_\_\_\_\_

**Airbill No:** \_\_\_\_\_

**Date Shipped:** \_\_\_\_\_

**Comments:** \_\_\_\_\_

**MS/SD Request:** \_\_\_\_\_

**Special Instructions:** \_\_\_\_\_

**Total Contaminant Sample**

**Dates:** \_\_\_\_\_

**Enclosures 3x5-g, 1x2.5-g**

**Sodium Hydroxide (NaOH)**

**Nitric Acid (HNO<sub>3</sub>)**

**Sulfuric Acid (H<sub>2</sub>SO<sub>4</sub>)**

**Methanol/Water (Soil VOC)**

**Hydrochloric Acid (HCl)**

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**Grab (g) or Comp (g)**

**Matrix Code  
(see back of COC)**

**Sample Identification**

**SSOW ID:** \_\_\_\_\_

**Carrier:** \_\_\_\_\_

**Lab Quote No.:** \_\_\_\_\_

**Carrier:** \_\_\_\_\_

**Airbill No:** \_\_\_\_\_

**Date Shipped:** \_\_\_\_\_

**Comments:** \_\_\_\_\_

**MS/SD Request:** \_\_\_\_\_

**Special Instructions:** \_\_\_\_\_

**Total Contaminant Sample**

**Dates:** \_\_\_\_\_

**Enclosures 3x5-g, 1x2.5-g**

**Sodium Hydroxide (NaOH)**

**Nitric Acid (HNO<sub>3</sub>)**

**Sulfuric Acid (H<sub>2</sub>SO<sub>4</sub>)**

**Methanol/Water (Soil VOC)**

**Hydrochloric Acid (HCl)**

**Unpreserved**

**Grab (g) or Comp (g)**

**Matrix Code  
(see back of COC)**

**Sample Identification**

**SSOW ID:** \_\_\_\_\_

**Carrier:** \_\_\_\_\_

**Lab Quote No.:** \_\_\_\_\_

**Carrier:** \_\_\_\_\_

**Airbill No:** \_\_\_\_\_

**Date Shipped:** \_\_\_\_\_

**Comments:** \_\_\_\_\_

**MS/SD Request:** \_\_\_\_\_

**Special Instructions:** \_\_\_\_\_

**Total Contaminant Sample**

**Dates:** \_\_\_\_\_

**Enclosures 3x5-g, 1x2.5-g**

**Sodium Hydroxide (NaOH)**

**Nitric Acid (HNO<sub>3</sub>)**

**Sulfuric Acid (H<sub>2</sub>SO<sub>4</sub>)**

**Methanol/Water (Soil VOC)**

**Hydrochloric Acid (HCl)**

**Unpreserved**

**Grab (g) or Comp (g)**

**Matrix Code  
(see back of COC)**

**Sample Identification**

**SSOW ID:** \_\_\_\_\_

**Carrier:** \_\_\_\_\_

**Lab Quote No.:** \_\_\_\_\_

**Carrier:** \_\_\_\_\_

**Airbill No:** \_\_\_\_\_

**Date Shipped:** \_\_\_\_\_

**Comments:** \_\_\_\_\_

**MS/SD Request:** \_\_\_\_\_

**Special Instructions:** \_\_\_\_\_

**Total Contaminant Sample**

**Dates:** \_\_\_\_\_

**Enclosures 3x5-g, 1x2.5-g**

**Sodium Hydroxide (NaOH)**

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**Unpreserved**

**Grab (g) or Comp (g)**

**Matrix Code  
(see back of COC)**

**Sample Identification**

**SSOW ID:** \_\_\_\_\_

**Carrier:** \_\_\_\_\_

**Lab Quote No.:** \_\_\_\_\_

**Carrier:** \_\_\_\_\_

**Airbill No:** \_\_\_\_\_

**Date Shipped:** \_\_\_\_\_

**Comments:** \_\_\_\_\_

**MS/SD Request:** \_\_\_\_\_

**Special Instructions:** \_\_\_\_\_

**Total Contaminant Sample**

**Dates:** \_\_\_\_\_

**Enclosures 3x5-g, 1x2.5-g**

**Sodium Hydroxide (NaOH)**

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**Unpreserved**

**Grab (g) or Comp (g)**

**Matrix Code  
(see back of COC)**

**Sample Identification**

**SSOW ID:** \_\_\_\_\_

**Carrier:** \_\_\_\_\_

**Lab Quote No.:** \_\_\_\_\_

**Carrier:** \_\_\_\_\_

**Airbill No:** \_\_\_\_\_

**Date Shipped:** \_\_\_\_\_

**Comments:** \_\_\_\_\_

**MS/SD Request:** \_\_\_\_\_

**Special Instructions:** \_\_\_\_\_

**Total Contaminant Sample**

**Dates:** \_\_\_\_\_

**Enclosures 3x5-g, 1x2.5-g**

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**Sulfuric Acid (H<sub>2</sub>SO<sub>4</sub>)**

**Methanol/Water (Soil VOC)**

**Hydrochloric Acid (HCl)**

**Unpreserved**

**Grab (g) or Comp (g)**

**Matrix Code  
(see back of COC)**

**Sample Identification**

**SSOW ID:** \_\_\_\_\_

**Carrier:** \_\_\_\_\_

**Lab Quote No.:** \_\_\_\_\_

**Carrier:** \_\_\_\_\_

**Airbill No:** \_\_\_\_\_

**Date Shipped:** \_\_\_\_\_

**Comments:** \_\_\_\_\_

**MS/SD Request:** \_\_\_\_\_

**Special Instructions:** \_\_\_\_\_

**Total Contaminant Sample**

**Dates:** \_\_\_\_\_

**Enclosures 3x5-g, 1x2.5-g**

**Sodium Hydroxide (NaOH)**

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**Sulfuric Acid (H<sub>2</sub>SO<sub>4</sub>)**

**Methanol/Water (Soil VOC)**

**Hydrochloric Acid (HCl)**

**Unpreserved**

**Grab (g) or Comp (g)**

**Matrix Code  
(see back of COC)**

**Sample Identification**

**SSOW ID:** \_\_\_\_\_

**Carrier:** \_\_\_\_\_

**Lab Quote No.:** \_\_\_\_\_

**Carrier:** \_\_\_\_\_

**Airbill No:** \_\_\_\_\_

**Date Shipped:** \_\_\_\_\_

**Comments:** \_\_\_\_\_

**MS/SD Request:** \_\_\_\_\_

**Special Instructions:** \_\_\_\_\_

**Total Contaminant Sample**

**Dates:** \_\_\_\_\_

**Enclosures 3x5-g, 1x2.5-g**

**Sodium Hydroxide (NaOH)**

**Nitric Acid (HNO<sub>3</sub>)**

**Sulfuric Acid (H<sub>2</sub>SO<sub>4</sub>)**

**Methanol/Water (Soil VOC)**

**Hydrochloric Acid (HCl)**

**Unpreserved**

**Grab (g) or Comp (g)**

**Matrix Code  
(see back of COC)**

**Sample Identification**

**SSOW ID:** \_\_\_\_\_

**Carrier:** \_\_\_\_\_

**Lab Quote No.:** \_\_\_\_\_

**Carrier:** \_\_\_\_\_

**Airbill No:** \_\_\_\_\_

**Date Shipped:** \_\_\_\_\_

**Comments:** \_\_\_\_\_

**MS/SD Request:** \_\_\_\_\_

**Special Instructions:** \_\_\_\_\_

**Total Contaminant Sample**

**Dates:** \_\_\_\_\_

**Enclosures 3x5-g, 1x2.5-g**

**Sodium Hydroxide (NaOH)**

**Nitric Acid (HNO<sub>3</sub>)**

**Sulfuric Acid (H<sub>2</sub>SO<sub>4</sub>)**

**Methanol/Water (Soil VOC)**

**Hydrochloric Acid (HCl)**

**Unpreserved**

**Grab (g) or Comp (g)**

**Matrix Code  
(see back of COC)**

**Sample Identification**

**SSOW ID:** \_\_\_\_\_



**CHAIN OF CUSTODY RECORD**  
**CONESTOGA-ROVERS**  
**& ASSOCIATES**  
Address: 8615 W. Bryn Mawr Ave., Chicago, IL  
Phone: 773-380-9933 Fax: \_\_\_\_\_

COC NO.: 34814  
PAGE 3 OF 3  
(See Reverse Side for Instructions)

| Project No/Phase/Task Code:        |                                  | Laboratory Name:                  | Lab Location:          | SSOW ID:               |
|------------------------------------|----------------------------------|-----------------------------------|------------------------|------------------------|
| Project Name:                      | 054046 / 42407                   | Lab Contact:                      | Continental Analytical | Lab Quote No.:         |
| Project Location:                  | Wichita, KS                      | Carrier:                          |                        | Cooler No.:            |
| Chemistry Contact:                 | Paul Mc Mahan                    | Date Shipped:                     |                        |                        |
| Samplers(s):                       | Devin Rose, Andy Krol            | MS/MSD Request:                   |                        |                        |
| SAMPLE INFORMATION                 |                                  | CONTAINER QUANTITY & PRESERVATION |                        |                        |
| SAMPLE DATE                        | MATRIX CODE<br>(see back of COC) | GRAB (g) OR COMP (G)              | UNPRESERVED            | TOTAL CONTAINER/SAMPLE |
| 1 WK - 05122014-JR-MW13851         | 5/12/14                          | 11.25 G                           | 5                      | 3                      |
| 2 TB-05122014-JR-                  | 14.00                            | 4                                 | 3                      |                        |
| 3 <del>WB-05122014-AK-ANALYS</del> | 11.50                            | 4                                 | 3                      |                        |
| 4                                  |                                  |                                   |                        |                        |
| 5                                  |                                  |                                   |                        |                        |
| 6                                  |                                  |                                   |                        |                        |
| 7                                  |                                  |                                   |                        |                        |
| 8                                  |                                  |                                   |                        |                        |
| 9                                  |                                  |                                   |                        |                        |
| 10                                 |                                  |                                   |                        |                        |
| 11                                 |                                  |                                   |                        |                        |
| 12                                 |                                  |                                   |                        |                        |
| 13                                 |                                  |                                   |                        |                        |
| 14                                 |                                  |                                   |                        |                        |
| 15                                 |                                  |                                   |                        |                        |
| 16                                 |                                  |                                   |                        |                        |
| 17                                 |                                  |                                   |                        |                        |
| 18                                 |                                  |                                   |                        |                        |
| 19                                 |                                  |                                   |                        |                        |
| 20                                 |                                  |                                   |                        |                        |
| 21                                 |                                  |                                   |                        |                        |
| 22                                 |                                  |                                   |                        |                        |
| 23                                 |                                  |                                   |                        |                        |
| 24                                 |                                  |                                   |                        |                        |
| 25                                 |                                  |                                   |                        |                        |
| 26                                 |                                  |                                   |                        |                        |
| 27                                 |                                  |                                   |                        |                        |
| 28                                 |                                  |                                   |                        |                        |
| 29                                 |                                  |                                   |                        |                        |
| 30                                 |                                  |                                   |                        |                        |
| 31                                 |                                  |                                   |                        |                        |
| 32                                 |                                  |                                   |                        |                        |
| 33                                 |                                  |                                   |                        |                        |
| 34                                 |                                  |                                   |                        |                        |
| 35                                 |                                  |                                   |                        |                        |
| 36                                 |                                  |                                   |                        |                        |
| 37                                 |                                  |                                   |                        |                        |
| 38                                 |                                  |                                   |                        |                        |
| 39                                 |                                  |                                   |                        |                        |
| 40                                 |                                  |                                   |                        |                        |
| 41                                 |                                  |                                   |                        |                        |
| 42                                 |                                  |                                   |                        |                        |
| 43                                 |                                  |                                   |                        |                        |
| 44                                 |                                  |                                   |                        |                        |
| 45                                 |                                  |                                   |                        |                        |
| 46                                 |                                  |                                   |                        |                        |
| 47                                 |                                  |                                   |                        |                        |
| 48                                 |                                  |                                   |                        |                        |
| 49                                 |                                  |                                   |                        |                        |
| 50                                 |                                  |                                   |                        |                        |
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**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

Client Name: OXY

CAS File No.:

Sample ID's in cooler: 5-12-14

FD4, 16D, 16S

Cooler \_\_\_\_\_ of \_\_\_\_\_ for this CAS Order No.

Cooler Identification: CAS Cooler #: 4011 / Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: 5 / 12 / 14 11 : 45

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 1.2 Corrected Reading (°C) 1.8

*rws  
5-12-14*

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: A No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
  - Cover Letter  Container
  - PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
 [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: rws Date Completed: 5-13-14

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

Client Name: OXY

CAS File No.:

Sample ID's in cooler: 5-12-14

0801, 0803

Cooler \_\_\_\_\_ of \_\_\_\_\_ for this CAS Order No.

Cooler Identification: CAS Cooler #: 5 Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: 5 / 12 / 14 16 : 45

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 14.7 Corrected Reading (°C) 2.3

*rws*

*5-12-14*

Temperature, By: Temperature Blank Surface Temperature

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
  - Cover Letter  Container
  - PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
 [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: rws

Date Completed: 5-12-14

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

Client Name: **DX**

CAS File No.:

Sample ID's in cooler: **S-100**

**0601 YLA 200P**

**30252, 2651 LA**

Cooler \_\_\_\_\_ of \_\_\_\_\_ for this CAS Order No.

Cooler Identification: CAS Cooler #: **D** / Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: **5/12/14 16:45**

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: **X** Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / **N/A**

Type of Packing Material: Blue Ice **Ice** / Melted Ice **Bubble** / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) **1.4** Corrected Reading (°C) **1.5**

Temperature, By: Temperature Blank **Surface Temperature**

Thermo. ID No.: **504** Thermo. Correction Factor (°C): **0.1**

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: **No**  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:        | <input type="checkbox"/> Sample excluded from Chain of Custody                                |
| Cover Letter <input type="checkbox"/> Container <input type="checkbox"/>               | <input type="checkbox"/> Sample listed on Chain of Custody, not received                      |
| PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/>                    | <input type="checkbox"/> Sample identification on container and Chain of Custody do not agree |
| <input type="checkbox"/> Container label absent  | <input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm] |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]                | <input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement                 |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.) | [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]                              |
| <input type="checkbox"/> Date or Time sampled obtained from container label            | <input type="checkbox"/> Broken or leaking containers (detail actions below)                  |
| <input type="checkbox"/> Chain of Custody missing sampler's name                       | <input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)                 | <input type="checkbox"/> Other discrepancies: _____   |
| <input type="checkbox"/> Missing relinquished information: signature date time         | _____   |

Detail to discrepancies/comments:

Completed by: **MWS** Date Completed: **5-12-14**

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

Client Name: OXY

CAS File No.:

Sample ID's in cooler: 5-112

3 FSI, MWs

Cooler \_\_\_\_\_ of \_\_\_\_\_ for this CAS Order No.

Cooler Identification: CAS Cooler #: 1462 / Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: 5 / 12 / 14 16 : 45

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 1.7 Corrected Reading (°C) 2.3

*MWs*

Temperature, By: Temperature Blank Surface Temperature

*5-12-14*

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
  - Cover Letter  Container
  - PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
 [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: MWs Date Completed: 5-13-14

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

Client Name: **OXY**

CAS File No.:

Sample ID's in cooler: **5-12-14**

**2603, 1024**

Cooler \_\_\_\_\_ of \_\_\_\_\_ for this CAS Order No.

Cooler Identification: CAS Cooler #: **4006** / Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: **5 / 12 / 14 16 : 45**

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: **X** Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / **N/A**

Type of Packing Material: Blue Ice / **Ice** / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) **1.0** Corrected Reading (°C) **1.6**

*rws  
5-12-14*

Temperature By: **Temperature Blank** Surface Temperature

Thermo. ID No.: **585** Thermo. Correction Factor (°C): **0.6**

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
  - Cover Letter  Container
  - PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
 [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: **rws** Date Completed: **5-12-14**

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

Client Name: **OXY**

CAS File No.:

Sample ID's in cooler: **5-12-14**

**YD, FD, YC**

Cooler \_\_\_\_\_ of \_\_\_\_\_ for this CAS Order No. \_\_\_\_\_

Cooler Identification: CAS Cooler #: **A** / Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: **5 / 12 / 14 16 : 45**

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: **X** Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / **N/A**

Type of Packing Material: Blue Ice / **Ice** / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) **2.8** Corrected Reading (°C) **3.4**

*rmas  
5-12-14*

Temperature By: **Temperature Blank** Surface Temperature

Thermo. ID No.: **505** Thermo. Correction Factor (°C): **0.6**

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
  - Cover Letter  Container
  - PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
 [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: ***rmas*** Date Completed: ***5-13-14***

**Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

Client Name: **OXY**

CAS File No.:

Sample ID's in cooler (see loc)

**3051, 3052**

Cooler \_\_\_\_\_ of \_\_\_\_\_ for this CAS Order No.

Cooler Identification: CAS Cooler #: **P942** Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: **5/12/14 16:45**

Delivered By: UPS / FedEx / AB Express / Field Svc / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: **X** Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / **N/A**

Type of Packing Material: Blue Ice **Ice** / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) **1.2** Corrected Reading (°C) **1.3**

Temperature, By: Temperature Blank **Surface Temperature**

Thermo. ID No.: **WY** Thermo. Correction Factor (°C): **0.1**

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:<br>Cover Letter <input type="checkbox"/> Container <input type="checkbox"/><br>PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/> | <input type="checkbox"/> Sample excluded from Chain of Custody<br><input type="checkbox"/> Sample listed on Chain of Custody, not received<br><input type="checkbox"/> Sample identification on container and Chain of Custody do not agree<br><input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]<br><input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]<br><input type="checkbox"/> Broken or leaking containers (detail actions below)<br><input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate<br><input type="checkbox"/> Other discrepancies: _____ |
| <input type="checkbox"/> Container label absent  |   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]  |   |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.)   |   |
| <input type="checkbox"/> Date or Time sampled obtained from container label  |   |
| <input type="checkbox"/> Chain of Custody missing sampler's name   |   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)   |   |
| <input type="checkbox"/> Missing relinquished information: signature date time   |   |

Detail to discrepancies/comments:

Completed by: **mw** Date Completed: **5/13/14**

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

Client Name: OXY

CAS File No.:

Sample ID's in cooler: 5-12-14

131515, 2153, 142515, 215)

Cooler \_\_\_\_\_ of \_\_\_\_\_ for this CAS Order No.

Cooler Identification: CAS Cooler #: F Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: 5/12/14 16:45

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 0.8 Corrected Reading (°C) 1.4

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 505 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
  - Cover Letter  Container
  - PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
 [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: haw Date Completed: 5-13-14

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

Client Name: **OXY**

CAS File No.:

Sample ID's in cooler: **5-112-0653**

Cooler \_\_\_\_\_ of \_\_\_\_\_ for this CAS Order No.

Cooler Identification: CAS Cooler #: **B** Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: **5 / 12 / 14 16 : 45**

Delivered By: UPS / FedEx / AB Express / Field Sys / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: **X** Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / **N/A**

Type of Packing Material: Blue Ice / **Ice** / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) **1.0** Corrected Reading (°C) **1.6**

Temperature By: **Temperature Blank** Surface Temperature  
 Thermo. ID No.: **585** Thermo. Correction Factor (°C): **0.6**

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
  - Cover Letter  Container
  - PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
 [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: **mws** Date Completed: **5-13-14**

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

Client Name: OXY

CAS File No.:

Sample ID's in cooler: 5-12-14

101D, 138.02/53

Cooler \_\_\_\_\_ of \_\_\_\_\_ for this CAS Order No.

Cooler Identification: CAS Cooler #: I / Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: 5/12/14 16:45

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 4.1 Corrected Reading (°C) 4.7

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
  - Cover Letter  Container
  - PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
 [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: MWS Date Completed: 5-13-14

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

Client Name: OXY

CAS File No.:

Sample ID's in cooler: 5-12-14

30752, 30753, 30755

Cooler \_\_\_\_\_ of \_\_\_\_\_ for this CAS Order No.

Cooler Identification: CAS Cooler #: 4008 / Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: 5/12/14 16:45

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 2.1 Corrected Reading (°C) 2.7

*rws*

*5-12-14*

Temperature, By: Temperature Blank Surface Temperature

Thermo. ID No.: 505 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:        | <input type="checkbox"/> Sample excluded from Chain of Custody                                |
| Cover Letter <input type="checkbox"/> Container <input type="checkbox"/>               | <input type="checkbox"/> Sample listed on Chain of Custody, not received                      |
| PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/>                    | <input type="checkbox"/> Sample identification on container and Chain of Custody do not agree |
| <input type="checkbox"/> Container label absent  | <input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm] |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]                | <input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement                 |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.) | [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]                              |
| <input type="checkbox"/> Date or Time sampled obtained from container label            | <input type="checkbox"/> Broken or leaking containers (detail actions below)                  |
| <input type="checkbox"/> Chain of Custody missing sampler's name                       | <input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)                 | <input type="checkbox"/> Other discrepancies: _____   |
| <input type="checkbox"/> Missing relinquished information: signature date time         | _____   |

Detail to discrepancies/comments:

Completed by: rws Date Completed: 5-13-14

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

Client Name: OXY

CAS File No.:

Sample ID's in cooler: 5-12-14

1753, 1751

Cooler \_\_\_\_\_ of \_\_\_\_\_ for this CAS Order No.

Cooler Identification: CAS Cooler #: E Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: 5 / 12 / 14 10 : 45

Delivered By: UPS / FedEx / AB Express / Field Syscs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 1.0 Corrected Reading (°C) 1.6

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
  - Cover Letter  Container
  - PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
 [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: mws Date Completed: 5-12-14

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

Client Name: **OXY**

CAS File No.:

Sample ID's in cooler: **5-12-14**

**2952, 435150, 1435253**

Cooler \_\_\_\_\_ of \_\_\_\_\_ for this CAS Order No.

Cooler Identification: CAS Cooler #: **H** / Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: **5/12/14 16:45**

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: **X** Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No **N/A**

Type of Packing Material: Blue Ice / **Ice** / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) **2.0** Corrected Reading (°C) **2.0**

**raws**

**5-12-14**

Temperature By: **Temperature Blank** Surface Temperature

Thermo. ID No.: **585** Thermo. Correction Factor (°C): **0.6**

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: **No**  Yes (See below for discrepancies.)

**5-12-14**

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
  - Cover Letter  Container
  - PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
 [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments: **1435253 not listed on coc**

Completed by: **Raw** Date Completed: **5-13-14**

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

Client Name: OXY

CAS File No.:

Sample ID's in cooler: 5-12-14

O 852

Cooler \_\_\_\_\_ of \_\_\_\_\_ for this CAS Order No.

Cooler Identification: CAS Cooler #: 2055 / Client's Cooler / Box / Letter / Hand-delivered

Other: \_\_\_\_\_

Date/Time Cooler Received: 5 / 12 / 14 16 : 45

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 2.1 Corrected Reading (°C) 2.7

*mws  
5-12-14*

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 505 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
  - Cover Letter  Container
  - PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: mws Date Completed: 5-13-14

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

Client Name: **OXY**

CAS File No.:

Sample ID's in cooler: **5-12-14**

**VOC's**

Cooler \_\_\_\_\_ of \_\_\_\_\_ for this CAS Order No.

Cooler Identification: CAS Cooler #: **C** / Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: **5 / 12 / 14 16:45**

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: **X** Seal No: \_\_\_\_\_  
 Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / **N/A**

Type of Packing Material: Blue Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) **1.9** Corrected Reading (°C) **2.5**

*rmas  
5-12-14*

Temperature By: **Temperature Blank** Surface Temperature

Thermo. ID No.: **585** Thermo. Correction Factor (°C): **0.6**

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:        | <input type="checkbox"/> Sample excluded from Chain of Custody  |
| Cover Letter <input type="checkbox"/> Container <input type="checkbox"/>               | <input type="checkbox"/> Sample listed on Chain of Custody, not received  |
| PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/>                    | <input type="checkbox"/> Sample identification on container and Chain of Custody do not agree   |
| <input type="checkbox"/> Container label absent  | <input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]                | <input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.] |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.) | <input type="checkbox"/> Broken or leaking containers (detail actions below)  |
| <input type="checkbox"/> Date or Time sampled obtained from container label            | <input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate   |
| <input type="checkbox"/> Chain of Custody missing sampler's name                       | <input type="checkbox"/> Other discrepancies: _____   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)                 |   |
| <input type="checkbox"/> Missing relinquished information: signature date time         |   |

Detail to discrepancies/comments:

Completed by: **mvs** Date Completed: **5-13-14**

06/23/2014

Page: 1

Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date and Time Received: 05/14/2014 1650  
 Continental File No.: 7775  
 Continental Order No.: 118638  
 Project ID: 054046-042407  
 Purchase Auth: GSH00009; CRA#42407

Dear Ms. Blair:

This laboratory report, containing the samples indicated below, includes 56 pages for the analytical report, 2 page(s) for the chain of custody and/or analysis request, and 8 page(s) for the sample receipt form.

| <u>CAS LAB ID #</u> | <u>SAMPLE DESCRIPTION</u> | <u>SAMPLE TYPE</u> | <u>DATE SAMPLED</u> |
|---------------------|---------------------------|--------------------|---------------------|
| 14051073            | WG-05122014-AK-MW09S3     | Liquid             | 5/12/2014           |
| 14051074            | WG-05122014-AK-MW09S1     | Liquid             | 5/12/2014           |
| 14051075            | WG-05122014-AK-AMW1       | Liquid             | 5/12/2014           |
| 14051076            | WG-05122014-AK-MW25S1     | Liquid             | 5/12/2014           |
| 14051077            | WG-05122014-JR-MW114S1    | Liquid             | 5/12/2014           |
| 14051078            | WG-05122014-JR-MW113S3    | Liquid             | 5/12/2014           |
| 14051078R           | WG-05122014-JR-MW113S3    | Liquid             | 5/12/2014           |
| 14051079            | WG-05132014-JR-MW24S3     | Liquid             | 5/13/2014           |
| 14051080            | WG-05132014-JR-MW24S1     | Liquid             | 5/13/2014           |
| 14051081            | WG-05132014-JR-MW07S1     | Liquid             | 5/13/2014           |
| 14051081R           | WG-05132014-JR-MW07S1     | Liquid             | 5/13/2014           |
| 14051082            | WG-05132014-JR-MW07S2     | Liquid             | 5/13/2014           |
| 14051083            | WG-05132014-JR-FDS        | Liquid             | 5/13/2014           |
| 14051084            | WG-05132014-JR-MW07S3     | Liquid             | 5/13/2014           |
| 14051085            | WG-05132014-AK-MW137S1    | Liquid             | 5/13/2014           |
| 14051086            | WG-05132014-AK-MW137S3    | Liquid             | 5/13/2014           |
| 14051087            | WG-05142014-JR-MW24S4     | Liquid             | 5/14/2014           |
| 14051088            | WG-05142014-AK-MW137S2    | Liquid             | 5/14/2014           |
| 14051089            | WG-05142014-AK-MW16S2SS   | Liquid             | 5/14/2014           |
| 14051089R           | WG-05142014-AK-MW16S2SS   | Liquid             | 5/14/2014           |
| 14051090            | WG-05142014-JR-BUILDERS   | Liquid             | 5/14/2014           |
| 14051091            | TB-05142014-JR            | Liquid             | 5/14/2014           |

This report was reissued on 06/23/2014 to correct the sample description for laboratory number 14051087. Please replace the previous report with this revision.

The Appendix and Quality Control sections are integral parts of this laboratory report and may contain important data qualifiers.

All results are reported on a wet weight basis unless otherwise stated.

Samples will be retained for thirty days unless Continental is otherwise notified.



525 N. Eighth St. - Salina, KS 67401  
 785-827-1273 800-535-3076 Fax 785-823-7830  
 KDHE Environmental Laboratory Accreditation No. E-10146



06/23/2014

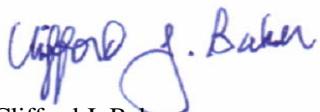
Page: 2

Continental is accredited by the State of Kansas through the National Environmental Laboratory Accreditation Program (NELAP). The results contained in this report were obtained using Continental's Standard Operating Procedures. These procedures are in substantial compliance with the approved methods referenced and the standards published by NELAP unless otherwise noted in the Appendix and Quality Control sections of this report.

This report may not be reproduced, except in full, without written approval from Continental Analytical Services, Inc.

Thank you for choosing Continental for this project.

CONTINENTAL ANALYTICAL SERVICES, INC.



Clifford J. Baker  
Technical Manager



525 N. Eighth St. - Salina, KS 67401  
785-827-1273 800-535-3076 Fax 785-823-7830  
KDHE Environmental Laboratory Accreditation No. E-10146



## Sample Results

Page: 3

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

Lab Number: 14051073

Sample Description: WG-05122014-AK-MW09S3

Date Sampled: 05/12/2014  
 Time Sampled: 0900

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/26          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/26          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/27          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/27          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/27          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/27          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/27          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/27          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/27          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/345         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/345         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/345         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/345         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/345         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/345         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/345         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/345         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/345         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| Carbon tetrachloride           | 12.2                      | µg/L                      | 7348/248         |                    |                |                  |
| Chloroform                     | 10.0                      | µg/L                      | 7348/248         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| Tetrachloroethylene            | 3.0                       | µg/L                      | 7348/248         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| Hardness (Calculated)          | 185                       | mg/L as CaCO <sub>3</sub> | 7157/886         |                    |                |                  |
| Chloride                       | 66                        | mg/L                      | 7276/282         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/19/14 1630             | 05/30/14 1713             | 140519-6         | 1NX5150            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/19/14 1630             | 05/30/14 1713             | 140519-6        | 1NX5150            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/19/14 0800             | 05/31/14 0808             | 140519-1        | 3EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/19/14 1030             | 05/30/14 2232             | 140519-2        | 3MS6150            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/15/14 1512             | 1MS5135         | 1MS5135            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/22/14 0915             | 05/22/14 2243             | 140522-5        | 7IP4142            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/22/14 1937             | IIC1142         | 2IC1142            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051073

## Sample Results

Page: 5

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

Lab Number: 14051074

Sample Description: WG-05122014-AK-MW09S1

Date Sampled: 05/12/2014  
 Time Sampled: 0955

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/26          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/26          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | 0.354                     | µg/L                      | 7409/27          |                    |                |                  |
| B-BHC                          | 0.060                     | µg/L                      | 7409/27          |                    |                |                  |
| G-BHC                          | 0.109                     | µg/L                      | 7409/27          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/27          |                    |                |                  |
| Hexachlorobutadiene            | 0.95                      | µg/L                      | 7409/27          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/27          |                    |                |                  |
| D-BHC                          | 0.30                      | µg/L                      | 7409/27          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/345         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/345         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/345         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/345         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/345         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/345         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/345         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/345         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/345         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(2)                     | µg/L                      | 7348/248         |                    |                |                  |
| 1,2-Dichloroethane             | 107                       | µg/L                      | 7348/248         |                    |                |                  |
| Benzene                        | 22                        | µg/L                      | 7348/248         |                    |                |                  |
| Carbon tetrachloride           | ND(2)                     | µg/L                      | 7348/248         |                    |                |                  |
| Chloroform                     | ND(2)                     | µg/L                      | 7348/248         |                    |                |                  |
| Chloromethane                  | ND(2)                     | µg/L                      | 7348/248         |                    |                |                  |
| Methylene chloride             | ND(2)                     | µg/L                      | 7348/248         |                    |                |                  |
| Tetrachloroethylene            | 139                       | µg/L                      | 7348/248         |                    |                |                  |
| Trichloroethylene              | 196                       | µg/L                      | 7348/248         |                    |                |                  |
| Vinyl chloride                 | ND(2)                     | µg/L                      | 7348/248         |                    |                |                  |
| 1,2-Dichloropropane            | ND(2)                     | µg/L                      | 7348/248         |                    |                |                  |
| Hardness (Calculated)          | 821                       | mg/L as CaCO <sub>3</sub> | 7157/886         |                    |                |                  |
| Chloride                       | 480                       | mg/L                      | 7276/282         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/19/14 1630             | 05/30/14 1752             | 140519-6         | 1NX5150            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

Page: 6

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

---

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/19/14 1630             | 05/30/14 1752             | 140519-6        | 1NX5150            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/19/14 0800             | 05/31/14 0850             | 140519-1        | 3EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/19/14 1030             | 05/30/14 2316             | 140519-2        | 3MS6150            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/15/14 1538             | 1MS5135         | 1MS5135            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/22/14 0915             | 05/22/14 2247             | 140522-5        | 7IP4142            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/22/14 1949             | IIC1142         | 2IC1142            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051074

---

## Sample Results

Page: 7

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

Lab Number: 14051075

Sample Description: WG-05122014-AK-AMW1

Date Sampled: 05/12/2014  
 Time Sampled: 1130

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/26          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/26          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/27          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/27          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/27          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/27          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/27          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/27          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/27          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/345         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/345         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/345         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/345         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/345         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/345         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/345         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/345         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/345         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| Carbon tetrachloride           | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| Chloroform                     | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| Hardness (Calculated)          | 260.                      | mg/L as CaCO <sub>3</sub> | 7157/886         |                    |                |                  |
| Chloride                       | 78                        | mg/L                      | 7276/282         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/19/14 1630             | 05/30/14 1831             | 140519-6         | 1NX5150            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

Page: 8

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

---

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/19/14 1630             | 05/30/14 1831             | 140519-6        | 1NX5150            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/19/14 0800             | 05/31/14 0932             | 140519-1        | 3EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/19/14 1030             | 05/31/14 0000             | 140519-2        | 3MS6150            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/15/14 1604             | 1MS5135         | 1MS5135            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/22/14 0915             | 05/22/14 2251             | 140522-5        | 7IP4142            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/22/14 2001             | IIC1142         | 2IC1142            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051075

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## Sample Results

Page: 9

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

Lab Number: 14051076

Sample Description: WG-05122014-AK-MW25S1

Date Sampled: 05/12/2014  
 Time Sampled: 1440

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/26          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/26          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/27          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/27          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/27          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/27          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/27          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/345         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/345         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/345         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/345         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/345         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/248         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/248         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/248         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7348/248         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7348/248         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/248         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/248         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/248         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/248         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/248         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/248         |
| Hardness (Calculated)          | 352                  | mg/L as CaCO <sub>3</sub> | 7157/886         |
| Chloride                       | 89                   | mg/L                      | 7276/282         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/19/14 1630             | 05/30/14 1910             | 140519-6        | 1NX5150            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/19/14 1630             | 05/30/14 1910             | 140519-6        | 1NX5150            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/19/14 0800             | 05/31/14 1014             | 140519-1        | 3EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/19/14 1030             | 05/31/14 0044             | 140519-2        | 3MS6150            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/15/14 1629             | 1MS5135         | 1MS5135            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/22/14 0915             | 05/22/14 2304             | 140522-5        | 8IP4142            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/22/14 2014             | IIC1142         | 2IC1142            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051076

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

Lab Number: 14051077

Sample Description: WG-05122014-JR-MW114S1

Date Sampled: 05/12/2014  
 Time Sampled: 1520

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/26          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/26          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | 0.030 B              | µg/L                      | 7409/27          |
| B-BHC                          | 0.449                | µg/L                      | 7409/27          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/27          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/27          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/27          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/345         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/345         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/345         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/345         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/345         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/248         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/248         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/248         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7348/248         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7348/248         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/248         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/248         |
| Tetrachloroethylene            | 3.8                  | µg/L                      | 7348/248         |
| Trichloroethylene              | 1.4                  | µg/L                      | 7348/248         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/248         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/248         |
| Hardness (Calculated)          | 793                  | mg/L as CaCO <sub>3</sub> | 7157/886         |
| Chloride                       | 1140                 | mg/L                      | 7276/282         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/19/14 1630             | 05/30/14 1949             | 140519-6        | 1NX5150            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/19/14 1630             | 05/30/14 1949             | 140519-6        | 1NX5150            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/19/14 0800             | 05/31/14 1056             | 140519-1        | 3EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/19/14 1030             | 05/31/14 0128             | 140519-2        | 3MS6150            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/15/14 1655             | 1MS5135         | 1MS5135            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/22/14 0915             | 05/22/14 2308             | 140522-5        | 8IP4142            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/22/14 2026             | IIC1142         | 2IC1142            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051077

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

Lab Number: 14051078

Sample Description: WG-05122014-JR-MW113S3

Date Sampled: 05/12/2014  
 Time Sampled: 1610

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | 38                   | µg/L                      | 7411/27          |
| Pentachlorophenol              | 7.3 FD SR            | µg/L                      | 7411/26          |
| OXY Chlorinated Hyd.           | SR                   |                           |                  |
| A-BHC                          | 0.104                | µg/L                      | 7409/27          |
| B-BHC                          | 5.64                 | µg/L                      | 7409/27          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/27          |
| Hexachloroethane               | OC                   | µg/L                      | 7409/27          |
| Hexachlorobutadiene            | OC                   | µg/L                      | 7409/27          |
| Hexachlorobenzene              | 0.13 FC              | µg/L                      | 7409/27          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/27          |
| OXY GC/MS Acids                | SR                   |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/345         |
| 3-& 4-Chlorophenol             | ND(65) M             | µg/L                      | 7326/345         |
| 2,4-Dichlorophenol             | 5.6                  | µg/L                      | 7326/345         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/345         |
| 2,4,6-Trichlorophenol          | 19.9                 | µg/L                      | 7326/345         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/345         |
| 2,3,4,6-Tetrachlorophenol      | 9.7                  | µg/L                      | 7326/345         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(1000)             | µg/L                      | 7348/248         |
| 1,2-Dichloroethane             | ND(1000)             | µg/L                      | 7348/248         |
| Benzene                        | ND(1000)             | µg/L                      | 7348/248         |
| Carbon tetrachloride           | 52400                | µg/L                      | 7348/248         |
| Chloroform                     | 45500                | µg/L                      | 7348/248         |
| Chloromethane                  | ND(1000)             | µg/L                      | 7348/248         |
| Methylene chloride             | ND(1000)             | µg/L                      | 7348/248         |
| Tetrachloroethylene            | 11000                | µg/L                      | 7348/248         |
| Trichloroethylene              | ND(1000)             | µg/L                      | 7348/248         |
| Vinyl chloride                 | ND(1000)             | µg/L                      | 7348/248         |
| 1,2-Dichloropropane            | 1000                 | µg/L                      | 7348/248         |
| Hardness (Calculated)          | 43.8 Y               | mg/L as CaCO <sub>3</sub> | 7157/886         |
| Chloride                       | 6500                 | mg/L                      | 7276/282         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/19/14 1630             | 06/03/14 1336             | 140519-6        | 1NX5154            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

Page: 14

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/19/14 1630             | 05/30/14 2028             | 140519-6        | 1NX5150            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/19/14 0800             | 05/31/14 1138             | 140519-1        | 3EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/19/14 1030             | 05/31/14 0212             | 140519-2        | 3MS6150            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/15/14 1721             | 1MS5135         | 1MS5135            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/22/14 0915             | 05/22/14 2312             | 140522-5        | 8IP4142            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/22/14 2038             | IIC1142         | 2IC1142            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051078

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

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Lab Number: 14051078R  
Sample Description: WG-05122014-JR-MW113S3

Date Sampled: 05/12/2014  
Time Sampled: 1610

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

| <u>Analysis</u>                             | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|---|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| OXY Chlorinated Hyd.                        | QC                        |                           |                  |                    |                |                  |
| A-BHC                                       | ND(0.44)                  | µg/L                      | 7409/29          |                    |                |                  |
| B-BHC                                       | 6.63                      | µg/L                      | 7409/29          |                    |                |                  |
| G-BHC                                       | ND(2.1)                   | µg/L                      | 7409/29          |                    |                |                  |
| Hexachloroethane                            | 203                       | µg/L                      | 7409/29          |                    |                |                  |
| Hexachlorobutadiene                         | 95.8                      | µg/L                      | 7409/29          |                    |                |                  |
| Hexachlorobenzene                           | ND(4.0)                   | µg/L                      | 7409/29          |                    |                |                  |
| D-BHC                                       | ND(2)                     | µg/L                      | 7409/29          |                    |                |                  |
| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| OXY Chlorinated Hyd.                        | 05/19/14 0800             | 06/03/14 1731             | 140519-1         | 1EX3154            | JMM            | 8121             |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                  |                    |                | 3510C            |

Conclusion of Lab Number: 14051078R

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## Sample Results

Page: 16

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

Lab Number: 14051079  
 Sample Description: WG-05132014-JR-MW24S3

Date Sampled: 05/13/2014  
 Time Sampled: 0935

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/26          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/26          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/27          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/27          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/27          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/27          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/27          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/345         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/345         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/345         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/345         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/345         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/248         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/248         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/248         |
| Carbon tetrachloride           | 15.9                 | µg/L                      | 7348/248         |
| Chloroform                     | 16.4                 | µg/L                      | 7348/248         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/248         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/248         |
| Tetrachloroethylene            | 4.3                  | µg/L                      | 7348/248         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/248         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/248         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/248         |
| Hardness (Calculated)          | 291                  | mg/L as CaCO <sub>3</sub> | 7157/886         |
| Chloride                       | 92                   | mg/L                      | 7276/282         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/19/14 1630             | 05/30/14 2146             | 140519-6        | 2NX5150            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/19/14 1630             | 05/30/14 2146             | 140519-6        | 2NX5150            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/19/14 0800             | 05/31/14 1220             | 140519-1        | 3EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/19/14 1030             | 05/31/14 0255             | 140519-2        | 3MS6150            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/15/14 1747             | 1MS5135         | 1MS5135            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/22/14 0915             | 05/22/14 2316             | 140522-5        | 8IP4142            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/22/14 2127             | IIC1142         | 3IC1142            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051079

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

Lab Number: 14051080  
 Sample Description: WG-05132014-JR-MW24S1

Date Sampled: 05/13/2014  
 Time Sampled: 1030

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/26          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/26          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | 0.023 B              | µg/L                      | 7409/27          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/27          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/27          |
| Hexachloroethane               | 0.22                 | µg/L                      | 7409/27          |
| Hexachlorobutadiene            | 0.10                 | µg/L                      | 7409/27          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/27          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/27          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/345         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/345         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/345         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/345         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/345         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(5)                | µg/L                      | 7348/248         |
| 1,2-Dichloroethane             | ND(5)                | µg/L                      | 7348/248         |
| Benzene                        | ND(5)                | µg/L                      | 7348/248         |
| Carbon tetrachloride           | 54                   | µg/L                      | 7348/248         |
| Chloroform                     | 99                   | µg/L                      | 7348/248         |
| Chloromethane                  | ND(5)                | µg/L                      | 7348/248         |
| Methylene chloride             | ND(5)                | µg/L                      | 7348/248         |
| Tetrachloroethylene            | 21                   | µg/L                      | 7348/248         |
| Trichloroethylene              | ND(5)                | µg/L                      | 7348/248         |
| Vinyl chloride                 | ND(5)                | µg/L                      | 7348/248         |
| 1,2-Dichloropropane            | ND(5)                | µg/L                      | 7348/248         |
| Hardness (Calculated)          | 290.                 | mg/L as CaCO <sub>3</sub> | 7157/886         |
| Chloride                       | 36.1                 | mg/L                      | 7276/282         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/19/14 1630             | 05/30/14 2225             | 140519-6        | 2NX5150            | JMM            | 8151A(M)         |

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## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/19/14 1630             | 05/30/14 2225             | 140519-6        | 2NX5150            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/19/14 0800             | 05/31/14 1425             | 140519-1        | 4EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/19/14 1030             | 05/31/14 0339             | 140519-2        | 3MS6150            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/15/14 1813             | 1MS5135         | 1MS5135            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/22/14 0915             | 05/22/14 2321             | 140522-5        | 8IP4142            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/22/14 2139             | IIC1142         | 3IC1142            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051080

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

Lab Number: 14051081  
 Sample Description: WG-05132014-JR-MW07S1

Date Sampled: 05/13/2014  
 Time Sampled: 1210

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | 810 QC               | µg/L                      | 7411/27          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/27          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | 1.08                 | µg/L                      | 7409/27          |
| B-BHC                          | 0.195                | µg/L                      | 7409/27          |
| G-BHC                          | 1.02                 | µg/L                      | 7409/27          |
| Hexachloroethane               | OC                   | µg/L                      | 7409/27          |
| Hexachlorobutadiene            | 2.58                 | µg/L                      | 7409/27          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/27          |
| D-BHC                          | 0.71                 | µg/L                      | 7409/27          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | 15.2                 | µg/L                      | 7326/345         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,4-Dichlorophenol             | 168                  | µg/L                      | 7326/345         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,6-Dichlorophenol             | 17.1                 | µg/L                      | 7326/345         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/345         |
| 2,4,6-Trichlorophenol          | 25.4                 | µg/L                      | 7326/345         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/345         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/345         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(50)               | µg/L                      | 7348/248         |
| 1,2-Dichloroethane             | 320                  | µg/L                      | 7348/248         |
| Benzene                        | 190                  | µg/L                      | 7348/248         |
| Carbon tetrachloride           | 4140                 | µg/L                      | 7348/248         |
| Chloroform                     | 3660                 | µg/L                      | 7348/248         |
| Chloromethane                  | ND(50)               | µg/L                      | 7348/248         |
| Methylene chloride             | 1590                 | µg/L                      | 7348/248         |
| Tetrachloroethylene            | 880                  | µg/L                      | 7348/248         |
| Trichloroethylene              | ND(50)               | µg/L                      | 7348/248         |
| Vinyl chloride                 | ND(50)               | µg/L                      | 7348/248         |
| 1,2-Dichloropropane            | ND(50)               | µg/L                      | 7348/248         |
| Hardness (Calculated)          | 1710                 | mg/L as CaCO <sub>3</sub> | 7157/889         |
| Chloride                       | 1350                 | mg/L                      | 7276/282         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/19/14 1630             | 06/03/14 1652             | 140519-6        | 1NX5154            | JMM            | 8151A(M)         |

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## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/19/14 1630             | 06/03/14 1732             | 140519-6        | 1NX5154            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/19/14 0800             | 05/31/14 1507             | 140519-1        | 4EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/19/14 1030             | 05/31/14 0423             | 140519-2        | 3MS6150            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/15/14 1838             | 1MS5135         | 1MS5135            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/22/14 0915             | 05/27/14 2343             | 140522-5        | 13IP4147           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/22/14 2152             | IIC1142         | 3IC1142            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051081

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

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Lab Number: 14051081R  
Sample Description: WG-05132014-JR-MW07S1

Date Sampled: 05/13/2014  
Time Sampled: 1210

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

| <u>Analysis</u>                             | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|---|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| OXY Chlorinated Hyd.                        |                           |                           |                  |                    |                |                  |
| A-BHC                                       | 1.13                      | µg/L                      | 7409/29          |                    |                |                  |
| B-BHC                                       | ND(0.37)                  | µg/L                      | 7409/29          |                    |                |                  |
| G-BHC                                       | 1.05                      | µg/L                      | 7409/29          |                    |                |                  |
| Hexachloroethane                            | 19.0                      | µg/L                      | 7409/29          |                    |                |                  |
| Hexachlorobutadiene                         | 3.0                       | µg/L                      | 7409/29          |                    |                |                  |
| Hexachlorobenzene                           | ND(1.0)                   | µg/L                      | 7409/29          |                    |                |                  |
| D-BHC                                       | 0.5                       | µg/L                      | 7409/29          |                    |                |                  |
| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| OXY Chlorinated Hyd.                        | 05/19/14 0800             | 06/03/14 1649             | 140519-1         | 1EX3154            | JMM            | 8121             |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                  |                    |                | 3510C            |

Conclusion of Lab Number: 14051081R

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

Lab Number: 14051082  
 Sample Description: WG-05132014-JR-MW07S2

Date Sampled: 05/13/2014  
 Time Sampled: 1340

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/26          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/26          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/27          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/27          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/27          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/27          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/27          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/345         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/345         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/345         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/345         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/345         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/248         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/248         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/248         |
| Carbon tetrachloride           | 0.6                  | µg/L                      | 7348/248         |
| Chloroform                     | 0.8                  | µg/L                      | 7348/248         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/248         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/248         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/248         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/248         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/248         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/248         |
| Hardness (Calculated)          | 478                  | mg/L as CaCO <sub>3</sub> | 7157/886         |
| Chloride                       | 178                  | mg/L                      | 7276/282         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/19/14 1630             | 05/30/14 2343             | 140519-6        | 2NX5150            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/19/14 1630             | 05/30/14 2343             | 140519-6        | 2NX5150            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/19/14 0800             | 05/31/14 1549             | 140519-1        | 4EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/19/14 1030             | 05/31/14 0507             | 140519-2        | 3MS6150            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/15/14 1904             | 1MS5135         | 1MS5135            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/22/14 0915             | 05/22/14 2329             | 140522-5        | 8IP4142            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/22/14 2204             | IIC1142         | 3IC1142            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051082

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

Lab Number: 14051083  
 Sample Description: WG-05132014-JR-FD5

Date Sampled: 05/13/2014  
 Time Sampled: 0000

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/26          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/26          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/27          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/27          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/27          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/27          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/27          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/345         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/345         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/345         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/345         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/345         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/345         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7349/322         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7349/322         |
| Benzene                        | ND(0.5)              | µg/L                      | 7349/322         |
| Carbon tetrachloride           | 0.5                  | µg/L                      | 7349/322         |
| Chloroform                     | 0.8                  | µg/L                      | 7349/322         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7349/322         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7349/322         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7349/322         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7349/322         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7349/322         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7349/322         |
| Hardness (Calculated)          | 467                  | mg/L as CaCO <sub>3</sub> | 7157/886         |
| Chloride                       | 180.                 | mg/L                      | 7276/282         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/19/14 1630             | 05/31/14 0022             | 140519-6        | 2NX5150            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/19/14 1630             | 05/31/14 0022             | 140519-6        | 2NX5150            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/19/14 0800             | 05/31/14 1631             | 140519-1        | 4EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/19/14 1030             | 05/31/14 0551             | 140519-2        | 3MS6150            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/16/14 1546             | 1MS8136         | 1MS8136            | GMA            | 8260B                |
| Hardness (Calculated)                       | 05/22/14 0915             | 05/22/14 2334             | 140522-5        | 8IP4142            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/22/14 2216             | IIC1142         | 3IC1142            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051083

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

Lab Number: 14051084

Sample Description: WG-05132014-JR-MW07S3

Date Sampled: 05/13/2014  
 Time Sampled: 1410

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/26          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/26          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/27          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/27          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/27          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/27          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/27          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/346         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/346         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/346         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/346         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/346         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/346         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/346         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/346         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/346         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/248         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/248         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/248         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7348/248         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7348/248         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/248         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/248         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/248         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/248         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/248         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/248         |
| Hardness (Calculated)          | 436                  | mg/L as CaCO <sub>3</sub> | 7157/886         |
| Chloride                       | 164                  | mg/L                      | 7276/282         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/19/14 1630             | 05/31/14 0101             | 140519-6        | 2NX5150            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/19/14 1630             | 05/31/14 0101             | 140519-6        | 2NX5150            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/19/14 0800             | 05/31/14 1713             | 140519-1        | 4EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/19/14 1030             | 06/02/14 0849             | 140519-2        | 1MS6153            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/15/14 1956             | 1MS5135         | 1MS5135            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/22/14 0915             | 05/22/14 2338             | 140522-5        | 8IP4142            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/22/14 2228             | IIC1142         | 3IC1142            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051084

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

Lab Number: 14051085

Sample Description: WG-05132014-AK-MW137S1

Date Sampled: 05/13/2014  
 Time Sampled: 0930

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/26          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/26          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/27          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/27          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/27          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/27          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/27          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/346         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/346         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/346         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/346         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/346         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/346         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/346         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/346         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/346         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/248         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/248         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/248         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7348/248         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7348/248         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/248         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/248         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/248         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/248         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/248         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/248         |
| Hardness (Calculated)          | 179                  | mg/L as CaCO <sub>3</sub> | 7157/886         |
| Chloride                       | 11.6                 | mg/L                      | 7276/282         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/19/14 1630             | 05/31/14 0140             | 140519-6        | 2NX5150            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/19/14 1630             | 05/31/14 0140             | 140519-6        | 2NX5150            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/19/14 0800             | 05/31/14 1755             | 140519-1        | 4EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/19/14 1030             | 06/02/14 0934             | 140519-2        | 1MS6153            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/15/14 2021             | 1MS5135         | 1MS5135            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/22/14 0915             | 05/22/14 2342             | 140522-5        | 8IP4142            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/22/14 2241             | IIC1142         | 3IC1142            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051085

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

Lab Number: 14051086

Sample Description: WG-05132014-AK-MW137S3

Date Sampled: 05/13/2014  
 Time Sampled: 1135

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/26          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/26          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011) QC         | µg/L                      | 7409/27          |
| B-BHC                          | ND(0.037) QC         | µg/L                      | 7409/27          |
| G-BHC                          | ND(0.052) QC         | µg/L                      | 7409/27          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/27          |
| D-BHC                          | ND(0.05) QC          | µg/L                      | 7409/27          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/346         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/346         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/346         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/346         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/346         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/346         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/346         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/346         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/346         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/248         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/248         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/248         |
| Carbon tetrachloride           | 0.6                  | µg/L                      | 7348/248         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7348/248         |
| Chloromethane                  | ND(0.5) QC           | µg/L                      | 7348/248         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/248         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/248         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/248         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/248         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/248         |
| Hardness (Calculated)          | 295                  | mg/L as CaCO <sub>3</sub> | 7157/886         |
| Chloride                       | 68                   | mg/L                      | 7276/282         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/19/14 1630             | 05/31/14 0219             | 140519-6        | 2NX5150            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

Page: 32

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/19/14 1630             | 05/31/14 0219             | 140519-6        | 2NX5150            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/19/14 0800             | 05/31/14 1837             | 140519-1        | 4EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/19/14 1030             | 06/02/14 1018             | 140519-2        | 1MS6153            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/15/14 2047             | 1MS5135         | 1MS5135            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/22/14 0915             | 05/22/14 2354             | 140522-5        | 9IP4142            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/22/14 2253             | IIC1142         | 3IC1142            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051086

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

Lab Number: 14051087

Sample Description: WG-05142014-JR-MW24S4

Date Sampled: 05/14/2014  
 Time Sampled: 0855

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/26          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/26          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/27          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/27          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/27          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/27          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/27          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/27          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/27          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/346         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/346         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/346         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/346         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/346         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/346         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/346         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/346         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/346         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| Carbon tetrachloride           | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| Chloroform                     | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7348/248         |                    |                |                  |
| Hardness (Calculated)          | 163                       | mg/L as CaCO <sub>3</sub> | 7157/886         |                    |                |                  |
| Chloride                       | 200                       | mg/L                      | 7276/282         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/19/14 1630             | 05/31/14 0455             | 140519-6         | 3NX5150            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/19/14 1630             | 05/31/14 0455             | 140519-6        | 3NX5150            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/19/14 0800             | 05/31/14 2207             | 140519-1        | 5EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/19/14 1030             | 06/02/14 1231             | 140519-2        | 1MS6153            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/15/14 2205             | 1MS5135         | 1MS5135            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/22/14 0915             | 05/23/14 0011             | 140522-5        | 9IP4142            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/23/14 0006             | IIC1142         | 4IC1142            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051087

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

Lab Number: 14051088

Sample Description: WG-05142014-AK-MW137S2

Date Sampled: 05/14/2014  
 Time Sampled: 0930

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/26          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/26          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/27          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/27          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/27          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/27          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/27          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/27          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/346         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/346         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/346         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/346         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/346         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/346         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/346         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/346         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/346         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/248         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/248         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/248         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7348/248         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7348/248         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/248         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/248         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/248         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/248         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/248         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/248         |
| Hardness (Calculated)          | 250.                 | mg/L as CaCO <sub>3</sub> | 7157/886         |
| Chloride                       | 22.5                 | mg/L                      | 7276/282         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/19/14 1630             | 05/31/14 0534             | 140519-6        | 3NX5150            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/19/14 1630             | 05/31/14 0534             | 140519-6        | 3NX5150            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/19/14 0800             | 05/31/14 2249             | 140519-1        | 5EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/19/14 1030             | 06/02/14 1316             | 140519-2        | 1MS6153            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/15/14 2230             | 1MS5135         | 1MS5135            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/22/14 0915             | 05/23/14 0015             | 140522-5        | 9IP4142            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/23/14 0019             | IIC1142         | 4IC1142            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051088

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

Lab Number: 14051089

Sample Description: WG-05142014-AK-MW16S2SS

Date Sampled: 05/14/2014  
 Time Sampled: 1035

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0) SR           | µg/L                      | 7411/26          |
| Pentachlorophenol              | ND(0.5) SR           | µg/L                      | 7411/26          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | 0.625                | µg/L                      | 7409/27          |
| B-BHC                          | 1.47                 | µg/L                      | 7409/27          |
| G-BHC                          | ND(0.10)             | µg/L                      | 7409/27          |
| Hexachloroethane               | 0.06                 | µg/L                      | 7409/27          |
| Hexachlorobutadiene            | ND(0.04)             | µg/L                      | 7409/27          |
| Hexachlorobenzene              | ND(0.20)             | µg/L                      | 7409/27          |
| D-BHC                          | ND(0.1)              | µg/L                      | 7409/27          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | OC                   | µg/L                      | 7326/346         |
| 3-& 4-Chlorophenol             | OC                   | µg/L                      | 7326/346         |
| 2,4-Dichlorophenol             | OC                   | µg/L                      | 7326/346         |
| 2,5-Dichlorophenol             | MO                   | µg/L                      | 7326/346         |
| 2,6-Dichlorophenol             | 53.8                 | µg/L                      | 7326/346         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/346         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/346         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/346         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/346         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(20)               | µg/L                      | 7348/248         |
| 1,2-Dichloroethane             | ND(20)               | µg/L                      | 7348/248         |
| Benzene                        | 43                   | µg/L                      | 7348/248         |
| Carbon tetrachloride           | 250                  | µg/L                      | 7348/248         |
| Chloroform                     | 30                   | µg/L                      | 7348/248         |
| Chloromethane                  | ND(20)               | µg/L                      | 7348/248         |
| Methylene chloride             | ND(20)               | µg/L                      | 7348/248         |
| Tetrachloroethylene            | ND(20)               | µg/L                      | 7348/248         |
| Trichloroethylene              | ND(20)               | µg/L                      | 7348/248         |
| Vinyl chloride                 | ND(20)               | µg/L                      | 7348/248         |
| 1,2-Dichloropropane            | ND(20)               | µg/L                      | 7348/248         |
| Hardness (Calculated)          | 462                  | mg/L as CaCO <sub>3</sub> | 7157/886         |
| Chloride                       | 1800                 | mg/L                      | 7276/282         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/19/14 1630             | 05/31/14 0613             | 140519-6        | 3NX5150            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/19/14 1630             | 05/31/14 0613             | 140519-6        | 3NX5150            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/19/14 0800             | 05/31/14 2331             | 140519-1        | 5EX3150            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/19/14 1030             | 06/02/14 1400             | 140519-2        | 1MS6153            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/15/14 2256             | 1MS5135         | 1MS5135            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/22/14 0915             | 05/23/14 0019             | 140522-5        | 9IP4142            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/23/14 0108             | 2IC1142         | 4IC1142            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051089

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

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Lab Number: 14051089R  
Sample Description: WG-05142014-AK-MW16S2SS

Date Sampled: 05/14/2014  
Time Sampled: 1035

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

| <u>Analysis</u>           | <u>Concentration</u> | <u>Units</u> | <u>Book/Page</u> |
|---------------------------|----------------------|--------------|------------------|
| OXY GC/MS Acids           | OC                   |              |                  |
| 2-Chlorophenol            | 1280                 | µg/L         | 7326/347         |
| 3-& 4-Chlorophenol        | 1560                 | µg/L         | 7326/347         |
| 2,4-Dichlorophenol        | 1300                 | µg/L         | 7326/347         |
| 2,5-Dichlorophenol        | ND(100)              | µg/L         | 7326/347         |
| 2,6-Dichlorophenol        | ND(100)              | µg/L         | 7326/347         |
| 2,4,5-Trichlorophenol     | ND(100)              | µg/L         | 7326/347         |
| 2,4,6-Trichlorophenol     | ND(100)              | µg/L         | 7326/347         |
| 2,3,4,5-Tetrachlorophenol | ND(100) CE           | µg/L         | 7326/347         |
| 2,3,4,6-Tetrachlorophenol | ND(100)              | µg/L         | 7326/347         |

| <u>Analysis</u>         | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|-------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| OXY GC/MS Acids         | 05/19/14 1030             | 06/03/14 0837             | 140519-2        | 1MS6154            | BLP            | 8270C            |
| Acid Preparation Method |                           |                           |                 |                    |                | 625/3510C        |

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Conclusion of Lab Number: 14051089R

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

Lab Number: 14051090

Sample Description: WG-05142014-JR-BUILDERS

Date Sampled: 05/14/2014  
 Time Sampled: 1100

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/26          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/26          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | 0.012 B              | µg/L                      | 7409/28          |
| B-BHC                          | 0.322                | µg/L                      | 7409/28          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/28          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/28          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/28          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/28          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/28          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/346         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/346         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/346         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/346         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/346         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/346         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/346         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/346         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/346         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(2)                | µg/L                      | 7348/248         |
| 1,2-Dichloroethane             | ND(2)                | µg/L                      | 7348/248         |
| Benzene                        | ND(2)                | µg/L                      | 7348/248         |
| Carbon tetrachloride           | 130.                 | µg/L                      | 7348/248         |
| Chloroform                     | 5.2                  | µg/L                      | 7348/248         |
| Chloromethane                  | ND(2)                | µg/L                      | 7348/248         |
| Methylene chloride             | ND(2)                | µg/L                      | 7348/248         |
| Tetrachloroethylene            | ND(2)                | µg/L                      | 7348/248         |
| Trichloroethylene              | ND(2)                | µg/L                      | 7348/248         |
| Vinyl chloride                 | ND(2)                | µg/L                      | 7348/248         |
| 1,2-Dichloropropane            | ND(2)                | µg/L                      | 7348/248         |
| Hardness (Calculated)          | 318                  | mg/L as CaCO <sub>3</sub> | 7157/886         |
| Chloride                       | 121                  | mg/L                      | 7276/282         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/19/14 1630             | 05/30/14 2304             | 140519-6        | 2NX5150            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/19/14 1630             | 05/30/14 2304             | 140519-6        | 2NX5150            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/21/14 1300             | 06/02/14 2007             | 140521-1        | 1EX3153            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/19/14 1030             | 06/02/14 1444             | 140519-2        | 1MS6153            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/15/14 2322             | 1MS5135         | 1MS5135            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/22/14 0915             | 05/23/14 0024             | 140522-5        | 9IP4142            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/23/14 0120             | 2IC1142         | 4IC1142            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051090

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

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Lab Number: 14051091  
Sample Description: TB-05142014-JR

Date Sampled: 05/14/2014  
Time Sampled: 1200

| <u>Analysis</u>                      | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u>           |
|--------------------------------------|---------------------------|---------------------------|----------------------------|
| OXY Volatiles by 8260                |                           |                           |                            |
| 1,1,1-Trichloroethane                | ND(0.5)                   | µg/L                      | 7348/248                   |
| 1,2-Dichloroethane                   | ND(0.5)                   | µg/L                      | 7348/248                   |
| Benzene                              | ND(0.5)                   | µg/L                      | 7348/248                   |
| Carbon tetrachloride                 | ND(0.5)                   | µg/L                      | 7348/248                   |
| Chloroform                           | ND(0.5)                   | µg/L                      | 7348/248                   |
| Chloromethane                        | ND(0.5)                   | µg/L                      | 7348/248                   |
| Methylene chloride                   | ND(0.5)                   | µg/L                      | 7348/248                   |
| Tetrachloroethylene                  | ND(0.5)                   | µg/L                      | 7348/248                   |
| Trichloroethylene                    | ND(0.5)                   | µg/L                      | 7348/248                   |
| Vinyl chloride                       | ND(0.5)                   | µg/L                      | 7348/248                   |
| 1,2-Dichloropropane                  | ND(0.5)                   | µg/L                      | 7348/248                   |
| <u>Analysis</u>                      | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>            |
| OXY Volatiles by 8260                | N/A                       | 05/15/14 2348             | 1MS5135                    |
| Volatile Analysis Preparation Method |                           |                           | 1MS5135 RKR 8260B<br>5030B |

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Conclusion of Lab Number: 14051091

## Appendix

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

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ND( ), where reported, indicates the analyte was not detected above the Limit of Quantitation (LOQ). The concentration of the LOQ is inside the parentheses.

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All samples which require cooling were received at a temperature of less than 6 degrees Celsius.

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No analysis with a holding time of seventy-two hours or less was performed in this Continental order.

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CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

B - Analyte is also present in the method blank or load blank at the concentration indicated either to the right of the letter B and/or in the enclosed Quality Control Report. The reported sample concentration has not been blank corrected.

FC - The confirmation analysis on a second GC column (or detector) resulted in a greater than 40% difference between the primary and confirmation results. The lower value was reported.

FD - The confirmation analysis on a second GC column (or detector) resulted in a greater than 40% difference between the primary and confirmation results. The higher value was reported.

M - Reporting limit higher than normal due to matrix interferences.

MO - A result is not available for this analyte due to matrix interferences above the calibration range of the instrument.

OC - The response for this analyte exceeded the calibration range of the instrument. Sample dilution and reanalysis is necessary to obtain an accurate result. The reported result, if provided, is estimated.

QC - QC data qualifiers were noted. See the Quality Control Report.

SR - One or more surrogate recoveries for this analysis did not meet quality control limits. Please see the Quality Control Report for the sample surrogate data.

Y - The recommended pH adjustment or chemical preservation procedure was not followed or was inadequate for this sample matrix.

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## Accreditation Summary

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Client: Occidental Chemical Corporation  
Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

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NELAP accreditation is issued under each EPA regulatory program for a given matrix/analyte/method combination. Continental is NELAP accredited for each matrix/analyte/method and EPA program cited in this Laboratory Report, except for those listed in the table below and for analyses performed in the field. For most of the analyses listed in the table, NELAP accreditation is not offered under the listed EPA program and Continental is NELAP accredited for the analysis, using the same analytical technology, but under a different EPA program. Continental's full NELAP accreditation status may be viewed at [www.kdheks.gov/envlab](http://www.kdheks.gov/envlab). Note that unless qualified otherwise in the Laboratory Report, Continental performs all analyses, including each analysis listed in the table below, utilizing NELAP protocol.

| <u>Test</u> | <u>Analysis</u>           | <u>Matrix-Regulatory Program</u> | <u>Method</u> | <u>CAS NELAP Accredited in Other Reg. Program</u> |
|-------------|---------------------------|----------------------------------|---------------|---|
| CL351       | OXY Chlorinated Hyd.      | L-RCRA                           | 8121          |   |
| CL351       | Hexachloroethane          | L-RCRA                           | 8121          | No  |
| CL351       | Hexachlorobutadiene       | L-RCRA                           | 8121          | No  |
| MS302       | OXY GC/MS Acids           | L-RCRA                           | 8270C         |   |
| MS302       | 3-& 4-Chlorophenol        | L-RCRA                           | 8270C         | No  |
| MS302       | 2,5-Dichlorophenol        | L-RCRA                           | 8270C         | No  |
| MS302       | 2,3,4,5-Tetrachlorophenol | L-RCRA                           | 8270C         | No  |

**Quality Control Report  
Batch Summary**

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

| Test Code  | Testname                       | QC Batch | Method Blank Date/Time Analyzed | LCS Date/Time Analyzed      | MS Lab No. Date/Time Analyzed |
|--|--------------------------------|----------|---------------------------------|-----------------------------|-------------------------------|
| CL223  | 2,4-Dichlorophenoxyacetic Acid | 140519-6 | 140519BLK6<br>05/30/14 1515     | 140519LCS6<br>05/30/14 1554 | 14051086MS<br>05/31/14 0258   |
| Lab numbers associated with this batch:<br>14051073 14051074 14051075 14051076 14051077 14051078 14051079 14051080 14051081 14051082 14051083<br>14051084 14051085 14051086 14051087 14051088 14051089 14051090            |                                |          |                                 |                             |                               |
| CL350  | Pentachlorophenol              | 140519-6 | 140519BLK6<br>05/30/14 1515     | 140519LCS6<br>05/30/14 1554 | 14051086MS<br>05/31/14 0258   |
| Lab numbers associated with this batch:<br>14051073 14051074 14051075 14051076 14051077 14051078 14051079 14051080 14051081 14051082 14051083<br>14051084 14051085 14051086 14051087 14051088 14051089 14051090            |                                |          |                                 |                             |                               |
| CL351  | OXY Chlorinated Hyd.           | 140519-1 | 140519BLK1<br>05/31/14 0357     | 140519LCS1<br>05/31/14 0438 | 14051086MS<br>05/31/14 1919   |
| Lab numbers associated with this batch:<br>14051073 14051074 14051075 14051076 14051077 14051078 14051078R 14051079 14051080 14051081 14051081R<br>14051082 14051083 14051084 14051085 14051086 14051087 14051088 14051089 |                                |          |                                 |                             |                               |
| CL351  | OXY Chlorinated Hyd.           | 140521-1 | 140521BLK1<br>06/02/14 1843     | 140521LCS1<br>06/02/14 1925 | 14051495MS                    |
| Lab numbers associated with this batch:<br>14051090  |                                |          |                                 |                             |                               |
| MS302  | OXY GC/MS Acids                | 140519-2 | 140519BLK2<br>05/30/14 2022     | 140519LCS2<br>05/30/14 2105 | 14051086MS<br>06/02/14 1102   |
| Lab numbers associated with this batch:<br>14051073 14051074 14051075 14051076 14051077 14051078 14051079 14051080 14051081 14051082 14051083<br>14051084 14051085 14051086 14051087 14051088 14051089 14051089R 14051090  |                                |          |                                 |                             |                               |
| MS350  | OXY Volatiles by 8260          | 1MS5135  | BLK1MS5135<br>05/15/14 1420     | LCS1MS5135<br>05/15/14 1328 | 14051086MS<br>05/15/14 2113   |
| Lab numbers associated with this batch:<br>14051073 14051074 14051075 14051076 14051077 14051078 14051079 14051080 14051081 14051082 14051084<br>14051085 14051086 14051087 14051088 14051089 14051090 14051091            |                                |          |                                 |                             |                               |
| MS350  | OXY Volatiles by 8260          | 1MS8136  | BLK1MS8136<br>05/16/14 1510     | LCS1MS8136<br>05/16/14 1359 |                               |
| Lab numbers associated with this batch:<br>14051083  |                                |          |                                 |                             |                               |
| SL323  | Hardness (Calculated)          | 140522-5 | 140522BLK5<br>05/22/14 2235     | 140522LCS5<br>05/22/14 2239 | 14051086MS<br>05/22/14 2359   |
| Lab numbers associated with this batch:<br>14051073 14051074 14051075 14051076 14051077 14051078 14051079 14051080 14051081 14051082 14051083<br>14051084 14051085 14051086 14051087 14051088 14051089 14051090            |                                |          |                                 |                             |                               |
| GL502  | Chloride                       | 1IC1142  | BLK1IC1142<br>05/22/14 1633     | LCS1IC1142<br>05/22/14 1645 | 14051086MS<br>05/22/14 2305   |
| Lab numbers associated with this batch:<br>14051073 14051074 14051075 14051076 14051077 14051078 14051079 14051080 14051081 14051082 14051083<br>14051084 14051085 14051086 14051087 14051088                              |                                |          |                                 |                             |                               |

# Quality Control Report Batch Summary

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

| Test Code | Testname | QC Batch | Method Blank Date/Time Analyzed | LCS Date/Time Analyzed      | MS Lab No. Date/Time Analyzed |
|-----------|----------|----------|---------------------------------|-----------------------------|-------------------------------|
| GL502     | Chloride | 2IC1142  | BLK2IC1142<br>05/23/14 0043     | LCS2IC1142<br>05/23/14 0055 | 14051111MS<br>05/23/14 0221   |

Lab numbers associated with this batch:  
14051089 14051090

**Quality Control Report**  
**Method Blank, LCS, MS/MSD Data**

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

| Analysis                             | Blank   | % Rec   | Limits    | Spike | Spiked Sample |              |         | Limits    | Spike                          | Spiked Sample |                |       |
|--------------------------------------|---|---------|-----------|-------|---------------|--------------|---------|-----------|--------------------------------|---------------|----------------|-------|
|                                      | Data  | LCS     |           | Level | Units         | (% Recovery) | MS      |           | Level                          | Units         | Precision Data | Limit |
| <b>QC Batch: 140519-1</b>            | <b>For samples prepared on: 05/19/2014 0800</b> |         |           |       |               |              |         |           | <b>Spiked sample: 14051086</b> |               |                |       |
| <b>OXY Chlorinated Hyd.</b>          |   |         |           | N/A   |               |              |         |           | N/A                            |               |                |       |
| A-BHC                                | 0.009 J   | 105     | 79.1-131  | 0.50  | µg/L          | 88.2         | 104 MP  | 75.2-138  | 0.50                           | µg/L          | 16.5           | 15.8  |
| B-BHC                                | ND(0.037)                                       | 98.0    | 75.0-135  | 0.50  | µg/L          | 83.2         | 101 MP  | 72.4-137  | 0.50                           | µg/L          | 20.2           | 17.5  |
| G-BHC                                | ND(0.052)                                       | 99.6    | 77.8-133  | 0.50  | µg/L          | 83.0         | 101 MP  | 77.9-137  | 0.50                           | µg/L          | 20.1           | 16.6  |
| Hexachloroethane                     | ND(0.02)  | 91.4    | 46.8-125  | 0.50  | µg/L          | 72.2         | 80.6    | 31.6-131  | 0.50                           | µg/L          | 11.5           | 22.6  |
| Hexachlorobutadiene                  | ND(0.02)  | 90.0    | 41.2-130  | 0.50  | µg/L          | 65.8         | 73.4    | 29.4-129  | 0.50                           | µg/L          | 11.4           | 25.6  |
| Hexachlorobenzene                    | ND(0.10)  | 102     | 70.8-133  | 0.50  | µg/L          | 81.6         | 93.4    | 64.7-137  | 0.50                           | µg/L          | 14.0           | 19.3  |
| D-BHC                                | ND(0.05)  | 103     | 76.9-150  | 0.50  | µg/L          | 87.4         | 106 MP  | 73.2-157  | 0.50                           | µg/L          | 20.1           | 17.1  |
| <b>Surrogates:</b>                   |   |         |           |       |               |              |         |           |                                |               |                |       |
| 1,4-DICHLORONAPHTHALENE              | 80.9  | 82.6    | 58.6-99.8 | 8.0   | µg/L          | 74.6         | 86.8    | 58.6-99.8 | 8.0                            | µg/L          |                |       |
| <b>QC Batch: 140519-2</b>            | <b>For samples prepared on: 05/19/2014 1030</b> |         |           |       |               |              |         |           | <b>Spiked sample: 14051086</b> |               |                |       |
| <b>OXY GC/MS Acids</b>               |   |         |           | N/A   |               |              |         |           | N/A                            |               |                |       |
| 2-Chlorophenol                       | ND(5.0)   | 76.6    | 70.2-103  | 50.0  | µg/L          | 83.0         | 85.5    | 69.9-103  | 50.0                           | µg/L          | 3.00           | 8.8   |
| 3-& 4-Chlorophenol                   | ND(5.0)   | 67.2    | 60.2-90.2 | 50.0  | µg/L          | 70.8         | 75.0    | 59.9-92.2 | 50.0                           | µg/L          | 5.80           | 10.3  |
| 2,4-Dichlorophenol                   | ND(5.0)   | 73.0    | 69.4-120  | 50.0  | µg/L          | 84.8         | 89.0    | 67.9-124  | 50.0                           | µg/L          | 4.90           | 12.8  |
| 2,5-Dichlorophenol                   | ND(5.0)   | 84.7    | 74.7-110  | 50.0  | µg/L          | 87.9         | 92.0    | 77.0-100  | 50.0                           | µg/L          | 4.60           | 14.7  |
| 2,6-Dichlorophenol                   | ND(5.0)   | 81.6    | 75.6-115  | 50.0  | µg/L          | 88.1         | 92.7    | 73.8-118  | 50.0                           | µg/L          | 5.00           | 7.8   |
| 2,4,5-Trichlorophenol                | ND(5.0)   | 80.9    | 78.9-118  | 50.0  | µg/L          | 90.7         | 94.0    | 80.6-118  | 50.0                           | µg/L          | 3.60           | 8.9   |
| 2,4,6-Trichlorophenol                | ND(5.0)   | 80.9    | 78.5-118  | 50.0  | µg/L          | 88.6         | 90.8    | 79.4-120  | 50.0                           | µg/L          | 2.50           | 9.9   |
| 2,3,4,5-Tetrachlorophenol            | ND(5.0) CE                                      | 78.1 CE | 72.6-125  | 100   | µg/L          | 86.6 CE      | 91.5 CE | 73.7-125  | 100                            | µg/L          | 5.50           | 11.4  |
| 2,3,4,6-Tetrachlorophenol            | ND(5.0)   | 86.6    | 72.9-128  | 50.0  | µg/L          | 94.3         | 98.4    | 75.1-128  | 50.0                           | µg/L          | 4.20           | 12.5  |
| <b>Surrogates:</b>                   |   |         |           |       |               |              |         |           |                                |               |                |       |
| PHENOL-d6                            | 35.6  | 32.8    | 22.3-43.0 | 150   | µg/L          | 33.1         | 33.9    | 22.3-43.0 | 150                            | µg/L          |                |       |
| 2-FLUOROPHENOL                       | 54.3  | 50.2    | 37.7-66.5 | 150   | µg/L          | 51.3         | 52.4    | 37.7-66.5 | 150                            | µg/L          |                |       |
| 2,4,6-TRIBROMOPHENOL                 | 75.6  | 86.6    | 56.7-128  | 150   | µg/L          | 92.3         | 94.9    | 56.7-128  | 150                            | µg/L          |                |       |
| <b>QC Batch: 140519-6</b>            | <b>For samples prepared on: 05/19/2014 1630</b> |         |           |       |               |              |         |           | <b>Spiked sample: 14051086</b> |               |                |       |
| <b>2,4-Dichlorophenoxyacetic Aci</b> | ND(1.0)   | 97.5    | 69.8-136  | 4.0   | µg/L          | 105          | 100     | 77.4-130  | 4.0                            | µg/L          | 5.80           | 20.7  |
| <b>Surrogates:</b>                   |   |         |           |       |               |              |         |           |                                |               |                |       |
| 2,4-DICHLOROPHENYLACETIC ACID        | 82.3  | 91.3    | 61.3-125  | 5.0   | µg/L          | 97.2         | 93.6    | 61.3-125  | 5.0                            | µg/L          |                |       |
| <b>QC Batch: 140519-6</b>            | <b>For samples prepared on: 05/19/2014 1630</b> |         |           |       |               |              |         |           | <b>Spiked sample: 14051086</b> |               |                |       |
| <b>Pentachlorophenol</b>             | ND(0.5)   | 87.2    | 74.9-121  | 4.0   | µg/L          | 94.2         | 90.5    | 10.5-152  | 4.0                            | µg/L          | 4.60           | 16.3  |
| <b>Surrogates:</b>                   |   |         |           |       |               |              |         |           |                                |               |                |       |
| 2,4-DICHLOROPHENYLACETIC ACID        | 82.3  | 91.3    | 61.3-125  | 5.0   | µg/L          | 97.2         | 93.6    | 61.3-125  | 5.0                            | µg/L          |                |       |
| <b>QC Batch: 140521-1</b>            | <b>For samples prepared on: 05/21/2014 1300</b> |         |           |       |               |              |         |           | <b>Spiked sample: 14051495</b> |               |                |       |
| <b>OXY Chlorinated Hyd.</b>          |   |         |           | N/A   |               |              |         |           | N/A                            |               |                |       |
| A-BHC                                | 0.008 J   | 107     | 79.1-131  | 0.50  | µg/L          |              |         | 75.2-138  | N/A                            | µg/L          | **             | 15.8  |
| B-BHC                                | ND(0.037)                                       | 108     | 75.0-135  | 0.50  | µg/L          |              |         | 72.4-137  | N/A                            | µg/L          | **             | 17.5  |
| G-BHC                                | ND(0.052)                                       | 108     | 77.8-133  | 0.50  | µg/L          |              |         | 77.9-137  | N/A                            | µg/L          | **             | 16.6  |
| Hexachloroethane                     | ND(0.02)  | 99.2    | 46.8-125  | 0.50  | µg/L          |              |         | 31.6-131  | N/A                            | µg/L          | **             | 22.6  |
| Hexachlorobutadiene                  | ND(0.02)  | 90.8    | 41.2-130  | 0.50  | µg/L          |              |         | 29.4-129  | N/A                            | µg/L          | **             | 25.6  |
| Hexachlorobenzene                    | ND(0.10)  | 98.2    | 70.8-133  | 0.50  | µg/L          |              |         | 64.7-137  | N/A                            | µg/L          | **             | 19.3  |
| D-BHC                                | ND(0.05)  | 104     | 76.9-150  | 0.50  | µg/L          |              |         | 73.2-157  | N/A                            | µg/L          | **             | 17.1  |
| <b>Surrogates:</b>                   |   |         |           |       |               |              |         |           |                                |               |                |       |
| 1,4-DICHLORONAPHTHALENE              | 79.2  | 82.6    | 58.6-99.8 | 8.0   | µg/L          | MN           | MN      | 58.6-99.8 | N/A                            | µg/L          | **             |       |
| <b>QC Batch: 140522-5</b>            | <b>For samples prepared on: 05/22/2014 0915</b> |         |           |       |               |              |         |           | <b>Spiked sample: 14051086</b> |               |                |       |
| <b>Hardness (Calculated)</b>         | ND(5.0)   | 87.5    | 80.0-120  | 357   | mg/L a        | 85.7         | 83.3    | 80.0-120  | 357                            | mg/L a        | 1.40           | 20.0  |

**Quality Control Report**  
**Method Blank, LCS, MS/MSD Data**

Page: 48

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

| Analysis                     | Blank                                     | % Rec | Limits   | Spike                          | Spiked Sample |                  |           | Limits   | Spike        | Units | Spiked Sample |                |  |  |
|------------------------------|---|-------|----------|--------------------------------|---------------|------------------|-----------|----------|--------------|-------|---------------|----------------|--|--|
|                              | Data                                      | LCS   |          | Level                          | MS            | (% Recovery)     | MSD       |          | Level        |       | RPD           | Precision Data |  |  |
| <b>QC Batch: 1IC1142</b>     | <b>For sample analyzed on: 05/22/2014</b> |       |          | <b>Spiked sample: 14051086</b> |               |                  |           |          |              |       |               |                |  |  |
| Chloride                     | ND(1.0)                                   | 103   | 90.0-110 | 4.0                            | mg/L          | 108              | 104       | 71.9-123 | 40.0         | mg/L  | 1.40          | 5.2            |  |  |
| <b>QC Batch: 1MS5135</b>     | <b>For sample analyzed on: 05/15/2014</b> |       |          | <b>Spiked sample: 14051086</b> |               |                  |           |          |              |       |               |                |  |  |
| <b>OXY Volatiles by 8260</b> |   |       |          | N/A                            |               |                  |           |          |              | N/A   |               |                |  |  |
| 1,1,1-Trichloroethane        | ND(0.5)                                   | 104   | 81.5-118 | 10.0                           | µg/L          | 106              | 102       | 80.9-119 | 10.0         | µg/L  | 4.60          | 8.0            |  |  |
| 1,2-Dichloroethane           | ND(0.5)                                   | 91.1  | 74.4-117 | 10.0                           | µg/L          | 91.4             | 94.8      | 76.0-121 | 10.0         | µg/L  | 3.70          | 10.3           |  |  |
| Benzene                      | ND(0.5)                                   | 95.7  | 84.4-112 | 10.0                           | µg/L          | 96.3             | 98.1      | 79.1-119 | 10.0         | µg/L  | 1.90          | 6.3            |  |  |
| Carbon tetrachloride         | ND(0.5)                                   | 109   | 81.7-124 | 10.0                           | µg/L          | 106              | 110       | 79.4-126 | 10.0         | µg/L  | 3.70          | 8.3            |  |  |
| Chloroform                   | ND(0.5)                                   | 97.8  | 75.7-112 | 10.0                           | µg/L          | 99.3             | 102       | 72.9-119 | 10.0         | µg/L  | 2.50          | 8.1            |  |  |
| Chloromethane                | ND(0.5)                                   | 91.7  | 72.2-129 | 10.0                           | µg/L          | 87.7             | 102 MP    | 67.0-134 | 10.0         | µg/L  | 15.2          | 11.7           |  |  |
| Methylene chloride           | ND(0.5)                                   | 93.7  | 77.0-112 | 10.0                           | µg/L          | 94.6             | 98.0      | 75.6-117 | 10.0         | µg/L  | 3.50          | 10.5           |  |  |
| Tetrachloroethylene          | ND(0.5)                                   | 103   | 87.4-118 | 10.0                           | µg/L          | 107              | 108       | 83.0-120 | 10.0         | µg/L  | 1.60          | 8.2            |  |  |
| Trichloroethylene            | ND(0.5)                                   | 98.7  | 82.5-115 | 10.0                           | µg/L          | 96.0             | 98.8      | 82.9-118 | 10.0         | µg/L  | 2.90          | 8.3            |  |  |
| Vinyl chloride               | ND(0.5)                                   | 84.1  | 76.6-130 | 10.0                           | µg/L          | 86.4             | 89.4      | 73.1-135 | 10.0         | µg/L  | 3.40          | 12.6           |  |  |
| 1,2-Dichloropropane          | ND(0.5)                                   | 90.9  | 80.8-112 | 10.0                           | µg/L          | 92.0             | 91.5      | 81.1-116 | 10.0         | µg/L  | 0.50          | 9.9            |  |  |
| <b>Surrogates:</b>           |   |       |          |                                |               |                  |           |          |              |       |               |                |  |  |
| 1,2-DICHLOROETHANE-d4        | 91.1                                      | 93.1  | 74.9-126 | 10.0                           | µg/L          | 93.6             | 93.9      | 74.9-126 | 10.0         | µg/L  |               |                |  |  |
| TOLUENE-d8                   | 108                                       | 108   | 90.5-117 | 10.0                           | µg/L          | 102              | 109       | 90.5-117 | 10.0         | µg/L  |               |                |  |  |
| <b>QC Batch: 1MS8136</b>     | <b>For sample analyzed on: 05/16/2014</b> |       |          | <b>Spiked sample:</b>          |               |                  |           |          |              |       |               |                |  |  |
| <b>OXY Volatiles by 8260</b> |   |       |          | N/A                            |               |                  | MN MN N/A |          |              |       |               |                |  |  |
| 1,1,1-Trichloroethane        | ND(0.5)                                   | 98.4  | 81.5-118 | 10.0                           | µg/L          | 80.9-119 N/A N/A |           |          | µg/L ** 8.0  |       |               |                |  |  |
| 1,2-Dichloroethane           | ND(0.5)                                   | 90.8  | 74.4-117 | 10.0                           | µg/L          | 76.0-121 N/A N/A |           |          | µg/L ** 10.3 |       |               |                |  |  |
| Benzene                      | ND(0.5)                                   | 97.1  | 84.4-112 | 10.0                           | µg/L          | 79.1-119 N/A N/A |           |          | µg/L ** 6.3  |       |               |                |  |  |
| Carbon tetrachloride         | ND(0.5)                                   | 103   | 81.7-124 | 10.0                           | µg/L          | 79.4-126 N/A N/A |           |          | µg/L ** 8.3  |       |               |                |  |  |
| Chloroform                   | ND(0.5)                                   | 94.2  | 75.7-112 | 10.0                           | µg/L          | 72.9-119 N/A N/A |           |          | µg/L ** 8.1  |       |               |                |  |  |
| Chloromethane                | ND(0.5)                                   | 106   | 72.2-129 | 10.0                           | µg/L          | 67.0-134 N/A N/A |           |          | µg/L ** 11.7 |       |               |                |  |  |
| Methylene chloride           | ND(0.5)                                   | 94.5  | 77.0-112 | 10.0                           | µg/L          | 75.6-117 N/A N/A |           |          | µg/L ** 10.5 |       |               |                |  |  |
| Tetrachloroethylene          | ND(0.5)                                   | 102   | 87.4-118 | 10.0                           | µg/L          | 83.0-120 N/A N/A |           |          | µg/L ** 8.2  |       |               |                |  |  |
| Trichloroethylene            | ND(0.5)                                   | 95.0  | 82.5-115 | 10.0                           | µg/L          | 82.9-118 N/A N/A |           |          | µg/L ** 8.3  |       |               |                |  |  |
| Vinyl chloride               | ND(0.5)                                   | 110.  | 76.6-130 | 10.0                           | µg/L          | 73.1-135 N/A N/A |           |          | µg/L ** 12.6 |       |               |                |  |  |
| 1,2-Dichloropropane          | ND(0.5)                                   | 91.6  | 80.8-112 | 10.0                           | µg/L          | 81.1-116 N/A N/A |           |          | µg/L ** 9.9  |       |               |                |  |  |
| <b>Surrogates:</b>           |   |       |          |                                |               |                  |           |          |              |       |               |                |  |  |
| 1,2-DICHLOROETHANE-d4        | 92.9                                      | 95.1  | 74.9-126 | 10.0                           | µg/L          | MN               | MN        | 74.9-126 | N/A          | µg/L  | **            |                |  |  |
| TOLUENE-d8                   | 103                                       | 108   | 90.5-117 | 10.0                           | µg/L          | MN               | MN        | 90.5-117 | N/A          | µg/L  | **            |                |  |  |
| <b>QC Batch: 2IC1142</b>     | <b>For sample analyzed on: 05/23/2014</b> |       |          | <b>Spiked sample: 14051111</b> |               |                  |           |          |              |       |               |                |  |  |
| Chloride                     | ND(1.0)                                   | 98.8  | 90.0-110 | 4.0                            | mg/L          | MN               | MN        | 71.9-123 | 40.0         | mg/L  | **            | 5.2            |  |  |

Data Qualifiers:

J - The concentration or not detected (ND) value is below the Limit of Quantitation (LOQ) and is considered an estimated value.

MP - The MS/MSD recoveries for this analyte exceeded the method or laboratory precision control limit. The reported sample concentration is estimated.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

MN - The MS/MSD sample analyses were not performed on a sample from this Continental order number.

\*\* - RPD calculation not applicable/not available for this analysis.

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

| <b>Surrogate</b>              | <b>Date Prepared</b> | <b>Date Analyzed</b>                             | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|-------------------------------|----------------------|--|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14051073</b>   |                      | <b>Sample Description: WG-05122014-AK-MW09S3</b> |                    |              |                   |                            |
| Herbicides                    |                      |  |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/19/2014           | 05/30/2014                                       | 5.0                | µg/L         | 98.5              | 61.3-125                   |
| Herbicides                    |                      |  |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/19/2014           | 05/30/2014                                       | 5.0                | µg/L         | 98.5              | 61.3-125                   |
| OXY Chlorinated Hyd.          |                      |  |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/19/2014           | 05/31/2014                                       | 8.0                | µg/L         | 81.0              | 58.6-99.8                  |
| OXY GC/MS Acids               |                      |  |                    |              |                   |                            |
| PHENOL-d6                     | 05/19/2014           | 05/30/2014                                       | 150                | µg/L         | 32.3              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/19/2014           | 05/30/2014                                       | 150                | µg/L         | 49.6              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/19/2014           | 05/30/2014                                       | 150                | µg/L         | 78.4              | 56.7-128                   |
| OXY Volatiles by 8260         |                      |  |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |                      | 05/15/2014                                       | 10                 | µg/L         | 94.5              | 74.9-126                   |
| TOLUENE-d8                    |                      | 05/15/2014                                       | 10                 | µg/L         | 102               | 90.5-117                   |
| <b>Lab Number: 14051074</b>   |                      | <b>Sample Description: WG-05122014-AK-MW09S1</b> |                    |              |                   |                            |
| Herbicides                    |                      |  |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/19/2014           | 05/30/2014                                       | 5.0                | µg/L         | 92.5              | 61.3-125                   |
| Herbicides                    |                      |  |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/19/2014           | 05/30/2014                                       | 5.0                | µg/L         | 92.5              | 61.3-125                   |
| OXY Chlorinated Hyd.          |                      |  |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/19/2014           | 05/31/2014                                       | 8.0                | µg/L         | 78.1              | 58.6-99.8                  |
| OXY GC/MS Acids               |                      |  |                    |              |                   |                            |
| PHENOL-d6                     | 05/19/2014           | 05/30/2014                                       | 150                | µg/L         | 31.3              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/19/2014           | 05/30/2014                                       | 150                | µg/L         | 49.3              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/19/2014           | 05/30/2014                                       | 150                | µg/L         | 80.0              | 56.7-128                   |
| OXY Volatiles by 8260         |                      |  |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |                      | 05/15/2014                                       | 40                 | µg/L         | 85.8              | 74.9-126                   |
| TOLUENE-d8                    |                      | 05/15/2014                                       | 40                 | µg/L         | 103               | 90.5-117                   |
| <b>Lab Number: 14051075</b>   |                      | <b>Sample Description: WG-05122014-AK-AMW1</b>   |                    |              |                   |                            |
| Herbicides                    |                      |  |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/19/2014           | 05/30/2014                                       | 5.0                | µg/L         | 98.9              | 61.3-125                   |
| Herbicides                    |                      |  |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/19/2014           | 05/30/2014                                       | 5.0                | µg/L         | 98.9              | 61.3-125                   |
| OXY Chlorinated Hyd.          |                      |  |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/19/2014           | 05/31/2014                                       | 8.0                | µg/L         | 79.8              | 58.6-99.8                  |
| OXY GC/MS Acids               |                      |  |                    |              |                   |                            |
| PHENOL-d6                     | 05/19/2014           | 05/31/2014                                       | 150                | µg/L         | 32.0              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/19/2014           | 05/31/2014                                       | 150                | µg/L         | 50.1              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/19/2014           | 05/31/2014                                       | 150                | µg/L         | 77.7              | 56.7-128                   |
| OXY Volatiles by 8260         |                      |  |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |                      | 05/15/2014                                       | 10                 | µg/L         | 90.5              | 74.9-126                   |
| TOLUENE-d8                    |                      | 05/15/2014                                       | 10                 | µg/L         | 105               | 90.5-117                   |
| <b>Lab Number: 14051076</b>   |                      | <b>Sample Description: WG-05122014-AK-MW25S1</b> |                    |              |                   |                            |
| Herbicides                    |                      |  |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/19/2014           | 05/30/2014                                       | 5.0                | µg/L         | 96.2              | 61.3-125                   |
| Herbicides                    |                      |  |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/19/2014           | 05/30/2014                                       | 5.0                | µg/L         | 96.2              | 61.3-125                   |
| OXY Chlorinated Hyd.          |                      |  |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/19/2014           | 05/31/2014                                       | 8.0                | µg/L         | 80.2              | 58.6-99.8                  |
| OXY GC/MS Acids               |                      |  |                    |              |                   |                            |
| PHENOL-d6                     | 05/19/2014           | 05/31/2014                                       | 150                | µg/L         | 31.9              | 22.3-43.0                  |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

| <b>Surrogate</b>                                  | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|---|----------------------|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14051076</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05122014-AK-MW25S1</b>  |                      |                      |                    |              |                   |                            |
| OXY GC/MS Acids                                   |                      |                      |                    |              |                   |                            |
| 2-FLUOROPHENOL                                    | 05/19/2014           | 05/31/2014           | 150                | µg/L         | 49.3              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                              | 05/19/2014           | 05/31/2014           | 150                | µg/L         | 78.0              | 56.7-128                   |
| OXY Volatiles by 8260                             |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                             |                      | 05/15/2014           | 10                 | µg/L         | 92.6              | 74.9-126                   |
| TOLUENE-d8  |                      | 05/15/2014           | 10                 | µg/L         | 104               | 90.5-117                   |
| <b>Lab Number: 14051077</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05122014-JR-MW114S1</b> |                      |                      |                    |              |                   |                            |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/19/2014           | 05/30/2014           | 5.0                | µg/L         | 80.7              | 61.3-125                   |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/19/2014           | 05/30/2014           | 5.0                | µg/L         | 80.7              | 61.3-125                   |
| OXY Chlorinated Hyd.                              |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                           | 05/19/2014           | 05/31/2014           | 8.0                | µg/L         | 81.6              | 58.6-99.8                  |
| OXY GC/MS Acids                                   |                      |                      |                    |              |                   |                            |
| PHENOL-d6   | 05/19/2014           | 05/31/2014           | 150                | µg/L         | 32.3              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                    | 05/19/2014           | 05/31/2014           | 150                | µg/L         | 50.2              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                              | 05/19/2014           | 05/31/2014           | 150                | µg/L         | 79.1              | 56.7-128                   |
| OXY Volatiles by 8260                             |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                             |                      | 05/15/2014           | 10                 | µg/L         | 98.7              | 74.9-126                   |
| TOLUENE-d8  |                      | 05/15/2014           | 10                 | µg/L         | 105               | 90.5-117                   |
| <b>Lab Number: 14051078</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05122014-JR-MW113S3</b> |                      |                      |                    |              |                   |                            |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/19/2014           | 06/03/2014           | 5.0                | µg/L         | 120.              | 61.3-125                   |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/19/2014           | 05/30/2014           | 5.0                | µg/L         | 128 SI            | 61.3-125                   |
| OXY Chlorinated Hyd.                              |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                           | 05/19/2014           | 05/31/2014           | 8.0                | µg/L         | 147 SI            | 58.6-99.8                  |
| OXY GC/MS Acids                                   |                      |                      |                    |              |                   |                            |
| PHENOL-d6   | 05/19/2014           | 05/31/2014           | 150                | µg/L         | 0.0 SI            | 22.3-43.0                  |
| 2-FLUOROPHENOL                                    | 05/19/2014           | 05/31/2014           | 150                | µg/L         | 3.1 SI            | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                              | 05/19/2014           | 05/31/2014           | 150                | µg/L         | 52.5 SI           | 56.7-128                   |
| OXY Volatiles by 8260                             |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                             |                      | 05/15/2014           | 20000              | µg/L         | 92.8              | 74.9-126                   |
| TOLUENE-d8  |                      | 05/15/2014           | 20000              | µg/L         | 106               | 90.5-117                   |
| <b>Lab Number: 14051078R</b>                      |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05122014-JR-MW113S3</b> |                      |                      |                    |              |                   |                            |
| OXY Chlorinated Hyd.                              |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                           | 05/19/2014           | 06/03/2014           | 8.0                | µg/L         | C                 | 58.6-99.8                  |
| <b>Lab Number: 14051079</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05132014-JR-MW24S3</b>  |                      |                      |                    |              |                   |                            |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/19/2014           | 05/30/2014           | 5.0                | µg/L         | 92.1              | 61.3-125                   |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/19/2014           | 05/30/2014           | 5.0                | µg/L         | 92.1              | 61.3-125                   |
| OXY Chlorinated Hyd.                              |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                           | 05/19/2014           | 05/31/2014           | 8.0                | µg/L         | 79.5              | 58.6-99.8                  |
| OXY GC/MS Acids                                   |                      |                      |                    |              |                   |                            |
| PHENOL-d6   | 05/19/2014           | 05/31/2014           | 150                | µg/L         | 30.5              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                    | 05/19/2014           | 05/31/2014           | 150                | µg/L         | 47.8              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                              | 05/19/2014           | 05/31/2014           | 150                | µg/L         | 79.3              | 56.7-128                   |
| OXY Volatiles by 8260                             |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                             |                      | 05/15/2014           | 10                 | µg/L         | 89.5              | 74.9-126                   |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

| <b>Surrogate</b>                                | <b>Date Prepared</b>                             | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|---|--|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14051079</b>                     | <b>Sample Description: WG-05132014-JR-MW24S3</b> |                      |                    |              |                   |                            |
| OXY Volatiles by 8260<br>TOLUENE-d8             |  | 05/15/2014           | 10                 | µg/L         | 108               | 90.5-117                   |
| <b>Lab Number: 14051080</b>                     | <b>Sample Description: WG-05132014-JR-MW24S1</b> |                      |                    |              |                   |                            |
| Herbicides<br>2,4-DICHLOROPHENYLACETIC ACID     | 05/19/2014                                       | 05/30/2014           | 5.0                | µg/L         | 93.9              | 61.3-125                   |
| Herbicides<br>2,4-DICHLOROPHENYLACETIC ACID     | 05/19/2014                                       | 05/30/2014           | 5.0                | µg/L         | 93.9              | 61.3-125                   |
| OXY Chlorinated Hyd.<br>1,4-DICHLORONAPHTHALENE | 05/19/2014                                       | 05/31/2014           | 8.0                | µg/L         | 77.1              | 58.6-99.8                  |
| OXY GC/MS Acids<br>PHENOL-d6                    | 05/19/2014                                       | 05/31/2014           | 150                | µg/L         | 31.5              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                  | 05/19/2014                                       | 05/31/2014           | 150                | µg/L         | 49.0              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 05/19/2014                                       | 05/31/2014           | 150                | µg/L         | 77.3              | 56.7-128                   |
| OXY Volatiles by 8260<br>1,2-DICHLOROETHANE-d4  |  | 05/15/2014           | 100                | µg/L         | 89.9              | 74.9-126                   |
| TOLUENE-d8                                      |  | 05/15/2014           | 100                | µg/L         | 104               | 90.5-117                   |
| <b>Lab Number: 14051081</b>                     | <b>Sample Description: WG-05132014-JR-MW07S1</b> |                      |                    |              |                   |                            |
| Herbicides<br>2,4-DICHLOROPHENYLACETIC ACID     | 05/19/2014                                       | 06/03/2014           | 5.0                | µg/L         | C                 | 61.3-125                   |
| Herbicides<br>2,4-DICHLOROPHENYLACETIC ACID     | 05/19/2014                                       | 06/03/2014           | 5.0                | µg/L         | 103               | 61.3-125                   |
| OXY Chlorinated Hyd.<br>1,4-DICHLORONAPHTHALENE | 05/19/2014                                       | 05/31/2014           | 8.0                | µg/L         | 81.2              | 58.6-99.8                  |
| OXY GC/MS Acids<br>PHENOL-d6                    | 05/19/2014                                       | 05/31/2014           | 150                | µg/L         | 31.6              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                  | 05/19/2014                                       | 05/31/2014           | 150                | µg/L         | 48.6              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 05/19/2014                                       | 05/31/2014           | 150                | µg/L         | 83.3              | 56.7-128                   |
| OXY Volatiles by 8260<br>1,2-DICHLOROETHANE-d4  |  | 05/15/2014           | 1000               | µg/L         | 98.2              | 74.9-126                   |
| TOLUENE-d8                                      |  | 05/15/2014           | 1000               | µg/L         | 104               | 90.5-117                   |
| <b>Lab Number: 14051081R</b>                    | <b>Sample Description: WG-05132014-JR-MW07S1</b> |                      |                    |              |                   |                            |
| OXY Chlorinated Hyd.<br>1,4-DICHLORONAPHTHALENE | 05/19/2014                                       | 06/03/2014           | 8.0                | µg/L         | 92.5              | 58.6-99.8                  |
| <b>Lab Number: 14051082</b>                     | <b>Sample Description: WG-05132014-JR-MW07S2</b> |                      |                    |              |                   |                            |
| Herbicides<br>2,4-DICHLOROPHENYLACETIC ACID     | 05/19/2014                                       | 05/30/2014           | 5.0                | µg/L         | 93.2              | 61.3-125                   |
| Herbicides<br>2,4-DICHLOROPHENYLACETIC ACID     | 05/19/2014                                       | 05/30/2014           | 5.0                | µg/L         | 93.2              | 61.3-125                   |
| OXY Chlorinated Hyd.<br>1,4-DICHLORONAPHTHALENE | 05/19/2014                                       | 05/31/2014           | 8.0                | µg/L         | 82.6              | 58.6-99.8                  |
| OXY GC/MS Acids<br>PHENOL-d6                    | 05/19/2014                                       | 05/31/2014           | 150                | µg/L         | 30.7              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                  | 05/19/2014                                       | 05/31/2014           | 150                | µg/L         | 47.1              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 05/19/2014                                       | 05/31/2014           | 150                | µg/L         | 78.9              | 56.7-128                   |
| OXY Volatiles by 8260<br>1,2-DICHLOROETHANE-d4  |  | 05/15/2014           | 10                 | µg/L         | 89.9              | 74.9-126                   |
| TOLUENE-d8                                      |  | 05/15/2014           | 10                 | µg/L         | 108               | 90.5-117                   |
| <b>Lab Number: 14051083</b>                     | <b>Sample Description: WG-05132014-JR-FD5</b>    |                      |                    |              |                   |                            |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

| <b>Surrogate</b>                                  | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|---|----------------------|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14051083</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05132014-JR-FD5</b>     |                      |                      |                    |              |                   |                            |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/19/2014           | 05/31/2014           | 5.0                | µg/L         | 93.3              | 61.3-125                   |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/19/2014           | 05/31/2014           | 5.0                | µg/L         | 93.3              | 61.3-125                   |
| OXY Chlorinated Hyd.                              |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                           | 05/19/2014           | 05/31/2014           | 8.0                | µg/L         | 82.5              | 58.6-99.8                  |
| OXY GC/MS Acids                                   |                      |                      |                    |              |                   |                            |
| PHENOL-d6   | 05/19/2014           | 05/31/2014           | 150                | µg/L         | 30.0              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                    | 05/19/2014           | 05/31/2014           | 150                | µg/L         | 48.1              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                              | 05/19/2014           | 05/31/2014           | 150                | µg/L         | 76.0              | 56.7-128                   |
| OXY Volatiles by 8260                             |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                             |                      | 05/16/2014           | 10                 | µg/L         | 92.5              | 74.9-126                   |
| TOLUENE-d8  |                      | 05/16/2014           | 10                 | µg/L         | 106               | 90.5-117                   |
| <b>Lab Number: 14051084</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05132014-JR-MW07S3</b>  |                      |                      |                    |              |                   |                            |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/19/2014           | 05/31/2014           | 5.0                | µg/L         | 89.9              | 61.3-125                   |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/19/2014           | 05/31/2014           | 5.0                | µg/L         | 89.9              | 61.3-125                   |
| OXY Chlorinated Hyd.                              |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                           | 05/19/2014           | 05/31/2014           | 8.0                | µg/L         | 78.0              | 58.6-99.8                  |
| OXY GC/MS Acids                                   |                      |                      |                    |              |                   |                            |
| PHENOL-d6   | 05/19/2014           | 06/02/2014           | 150                | µg/L         | 33.1              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                    | 05/19/2014           | 06/02/2014           | 150                | µg/L         | 53.1              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                              | 05/19/2014           | 06/02/2014           | 150                | µg/L         | 87.4              | 56.7-128                   |
| OXY Volatiles by 8260                             |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                             |                      | 05/15/2014           | 10                 | µg/L         | 97.3              | 74.9-126                   |
| TOLUENE-d8  |                      | 05/15/2014           | 10                 | µg/L         | 107               | 90.5-117                   |
| <b>Lab Number: 14051085</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05132014-AK-MW137S1</b> |                      |                      |                    |              |                   |                            |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/19/2014           | 05/31/2014           | 5.0                | µg/L         | 92.0              | 61.3-125                   |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/19/2014           | 05/31/2014           | 5.0                | µg/L         | 92.0              | 61.3-125                   |
| OXY Chlorinated Hyd.                              |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                           | 05/19/2014           | 05/31/2014           | 8.0                | µg/L         | 84.6              | 58.6-99.8                  |
| OXY GC/MS Acids                                   |                      |                      |                    |              |                   |                            |
| PHENOL-d6   | 05/19/2014           | 06/02/2014           | 150                | µg/L         | 35.4              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                    | 05/19/2014           | 06/02/2014           | 150                | µg/L         | 54.3              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                              | 05/19/2014           | 06/02/2014           | 150                | µg/L         | 93.3              | 56.7-128                   |
| OXY Volatiles by 8260                             |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                             |                      | 05/15/2014           | 10                 | µg/L         | 88.3              | 74.9-126                   |
| TOLUENE-d8  |                      | 05/15/2014           | 10                 | µg/L         | 104               | 90.5-117                   |
| <b>Lab Number: 14051086</b>                       |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05132014-AK-MW137S3</b> |                      |                      |                    |              |                   |                            |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/19/2014           | 05/31/2014           | 5.0                | µg/L         | 94.3              | 61.3-125                   |
| Herbicides  |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                     | 05/19/2014           | 05/31/2014           | 5.0                | µg/L         | 94.3              | 61.3-125                   |
| OXY Chlorinated Hyd.                              |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                           | 05/19/2014           | 05/31/2014           | 8.0                | µg/L         | 72.6              | 58.6-99.8                  |
| OXY GC/MS Acids                                   |                      |                      |                    |              |                   |                            |
| PHENOL-d6   | 05/19/2014           | 06/02/2014           | 150                | µg/L         | 33.8              | 22.3-43.0                  |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

| <b>Surrogate</b>              | <b>Date Prepared</b>                               | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|-------------------------------|--|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14051086</b>   | <b>Sample Description: WG-05132014-AK-MW137S3</b>  |                      |                    |              |                   |                            |
| OXY GC/MS Acids               |  |                      |                    |              |                   |                            |
| 2-FLUOROPHENOL                | 05/19/2014   | 06/02/2014           | 150                | µg/L         | 52.1              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/19/2014   | 06/02/2014           | 150                | µg/L         | 86.4              | 56.7-128                   |
| OXY Volatiles by 8260         |  |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |  | 05/15/2014           | 10                 | µg/L         | 93.8              | 74.9-126                   |
| TOLUENE-d8                    |  | 05/15/2014           | 10                 | µg/L         | 107               | 90.5-117                   |
| <b>Lab Number: 14051087</b>   | <b>Sample Description: WG-05142014-JR-MW24S4</b>   |                      |                    |              |                   |                            |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/19/2014   | 05/31/2014           | 5.0                | µg/L         | 90.6              | 61.3-125                   |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/19/2014   | 05/31/2014           | 5.0                | µg/L         | 90.6              | 61.3-125                   |
| OXY Chlorinated Hyd.          |  |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/19/2014   | 05/31/2014           | 8.0                | µg/L         | 81.5              | 58.6-99.8                  |
| OXY GC/MS Acids               |  |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/19/2014   | 06/02/2014           | 150                | µg/L         | 35.7              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/19/2014   | 06/02/2014           | 150                | µg/L         | 54.8              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/19/2014   | 06/02/2014           | 150                | µg/L         | 90.9              | 56.7-128                   |
| OXY Volatiles by 8260         |  |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |  | 05/15/2014           | 10                 | µg/L         | 90.0              | 74.9-126                   |
| TOLUENE-d8                    |  | 05/15/2014           | 10                 | µg/L         | 105               | 90.5-117                   |
| <b>Lab Number: 14051088</b>   | <b>Sample Description: WG-05142014-AK-MW137S2</b>  |                      |                    |              |                   |                            |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/19/2014   | 05/31/2014           | 5.0                | µg/L         | 97.3              | 61.3-125                   |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/19/2014   | 05/31/2014           | 5.0                | µg/L         | 97.3              | 61.3-125                   |
| OXY Chlorinated Hyd.          |  |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/19/2014   | 05/31/2014           | 8.0                | µg/L         | 80.0              | 58.6-99.8                  |
| OXY GC/MS Acids               |  |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/19/2014   | 06/02/2014           | 150                | µg/L         | 35.2              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/19/2014   | 06/02/2014           | 150                | µg/L         | 54.9              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/19/2014   | 06/02/2014           | 150                | µg/L         | 91.3              | 56.7-128                   |
| OXY Volatiles by 8260         |  |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |  | 05/15/2014           | 10                 | µg/L         | 95.9              | 74.9-126                   |
| TOLUENE-d8                    |  | 05/15/2014           | 10                 | µg/L         | 105               | 90.5-117                   |
| <b>Lab Number: 14051089</b>   | <b>Sample Description: WG-05142014-AK-MW16S2SS</b> |                      |                    |              |                   |                            |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/19/2014   | 05/31/2014           | 5.0                | µg/L         | 144 SI            | 61.3-125                   |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/19/2014   | 05/31/2014           | 5.0                | µg/L         | 144 SI            | 61.3-125                   |
| OXY Chlorinated Hyd.          |  |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/19/2014   | 05/31/2014           | 8.0                | µg/L         | 93.0              | 58.6-99.8                  |
| OXY GC/MS Acids               |  |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/19/2014   | 06/02/2014           | 150                | µg/L         | 33.3              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/19/2014   | 06/02/2014           | 150                | µg/L         | 51.0              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/19/2014   | 06/02/2014           | 150                | µg/L         | 96.9              | 56.7-128                   |
| OXY Volatiles by 8260         |  |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |  | 05/15/2014           | 400                | µg/L         | 96.8              | 74.9-126                   |
| TOLUENE-d8                    |  | 05/15/2014           | 400                | µg/L         | 106               | 90.5-117                   |
| <b>Lab Number: 14051089R</b>  | <b>Sample Description: WG-05142014-AK-MW16S2SS</b> |                      |                    |              |                   |                            |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

| Surrogate                          | Date Prepared | Date Analyzed | Spike Level | Units | % Recovery | Acceptable % Limits |
|------------------------------------|---------------|---------------|-------------|-------|------------|---------------------|
| <b>Lab Number: 14051089</b>        |               |               |             |       |            |                     |
| OXY GC/MS Acids                    |               |               |             |       |            |                     |
| PHENOL-d6                          | 05/19/2014    | 06/03/2014    | 150         | µg/L  | C          | 22.3-43.0           |
| 2-FLUOROPHENOL                     | 05/19/2014    | 06/03/2014    | 150         | µg/L  | C          | 37.7-66.5           |
| 2,4,6-TRIBROMOPHENOL               | 05/19/2014    | 06/03/2014    | 150         | µg/L  | C          | 56.7-128            |
| <b>Lab Number: 14051090</b>        |               |               |             |       |            |                     |
| Herbicides                         |               |               |             |       |            |                     |
| 2,4-DICHLOROPHENYLACETIC ACID      | 05/19/2014    | 05/30/2014    | 10          | µg/L  | 88.7       | 61.3-125            |
| Herbicides                         |               |               |             |       |            |                     |
| 2,4-DICHLOROPHENYLACETIC ACID      | 05/19/2014    | 05/30/2014    | 10          | µg/L  | 88.7       | 61.3-125            |
| OXY Chlorinated Hyd.               |               |               |             |       |            |                     |
| 1,4-DICHLORONAPHTHALENE            | 05/21/2014    | 06/02/2014    | 8.0         | µg/L  | 82.8       | 58.6-99.8           |
| OXY GC/MS Acids                    |               |               |             |       |            |                     |
| PHENOL-d6                          | 05/19/2014    | 06/02/2014    | 150         | µg/L  | 33.9       | 22.3-43.0           |
| 2-FLUOROPHENOL                     | 05/19/2014    | 06/02/2014    | 150         | µg/L  | 53.9       | 37.7-66.5           |
| 2,4,6-TRIBROMOPHENOL               | 05/19/2014    | 06/02/2014    | 150         | µg/L  | 91.5       | 56.7-128            |
| OXY Volatiles by 8260              |               |               |             |       |            |                     |
| 1,2-DICHLOROETHANE-d4              |               | 05/15/2014    | 40          | µg/L  | 97.4       | 74.9-126            |
| TOLUENE-d8                         |               | 05/15/2014    | 40          | µg/L  | 107        | 90.5-117            |
| <b>Lab Number: 14051091</b>        |               |               |             |       |            |                     |
| Sample Description: TB-05142014-JR |               |               |             |       |            |                     |
| OXY Volatiles by 8260              |               |               |             |       |            |                     |
| 1,2-DICHLOROETHANE-d4              |               | 05/15/2014    | 10          | µg/L  | 93.4       | 74.9-126            |
| TOLUENE-d8                         |               | 05/15/2014    | 10          | µg/L  | 107        | 90.5-117            |

Data Qualifiers:

SI - One or more surrogate recoveries for this analysis were not within the method or laboratory control limits. The sample result(s) or reporting limit(s) for this analysis are estimated due to sample heterogeneity and/or sample matrix interferences.

C - Due to matrix interference(s) and/or high concentration(s) of analyte(s) present in the sample, dilution was required causing the spike level for this analyte to be below the reporting limit and/or below the lowest point of the calibration curve.

**Quality Control Report**  
**Continuing Calibration Report**

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/14/2014  
 Continental File No: 7775  
 Continental Order No: 118638

| <u>Analysis</u>                | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u>                          | <u>Amount Detected</u> | <u>Units</u> | <u>Percent Recovery</u> |
|--------------------------------|-------------------------|----------------------------|--|------------------------|--------------|-------------------------|
| 2,4-Dichlorophenoxyacetic Acid | 05/30/2014              | 1NX5150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 05/30/2014              | 2NX5150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 05/31/2014              | 3NX5150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 05/31/2014              | 4NX5150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 06/03/2014              | 1NX5154                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 06/03/2014              | 2NX5154                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 05/30/2014              | 1NX5150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 05/30/2014              | 2NX5150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 05/31/2014              | 3NX5150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 05/31/2014              | 4NX5150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 06/03/2014              | 1NX5154                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 06/03/2014              | 2NX5154                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 05/31/2014              | 3EX3150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 05/31/2014              | 4EX3150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 05/31/2014              | 5EX3150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 06/01/2014              | 6EX3150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 06/02/2014              | 1EX3153                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 06/03/2014              | 2EX3153                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 06/03/2014              | 1EX3154                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 06/03/2014              | 2EX3154                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/22/2014              | 2IC1142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/22/2014              | 3IC1142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/22/2014              | 4IC1142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/23/2014              | 5IC1142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Hardness (Calculated)          | 05/23/2014              | 10IP4142                   | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Hardness (Calculated)          | 05/27/2014              | 13IP4147                   | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Hardness (Calculated)          | 05/28/2014              | 14IP4147                   | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Hardness (Calculated)          | 05/22/2014              | 7IP4142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Hardness (Calculated)          | 05/22/2014              | 8IP4142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Hardness (Calculated)          | 05/22/2014              | 9IP4142                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY GC/MS Acids                | 05/30/2014              |                            | CCV recovery acceptable except as qualified below. |                        |              |                         |
| 2,3,4,5-Tetrachlorophenol      | 05/30/2014              | 3MS6150                    | 100  | 98.3                   | µg/ml        | 98.3 CE                 |

Samples associated with this Continuing Calibration Verification:

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14051073                 | 3MS6150                 | WG-05122014-AK-MW09S3     |
| 14051074                 | 3MS6150                 | WG-05122014-AK-MW09S1     |
| 14051075                 | 3MS6150                 | WG-05122014-AK-AMW1       |
| 14051076                 | 3MS6150                 | WG-05122014-AK-MW25S1     |
| 14051077                 | 3MS6150                 | WG-05122014-JR-MW114S1    |
| 14051078                 | 3MS6150                 | WG-05122014-JR-MW113S3    |
| 14051079                 | 3MS6150                 | WG-05132014-JR-MW24S3     |
| 14051080                 | 3MS6150                 | WG-05132014-JR-MW24S1     |
| 14051081                 | 3MS6150                 | WG-05132014-JR-MW07S1     |

**Quality Control Report  
Continuing Calibration Report**

Page: 56

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/14/2014  
Continental File No: 7775  
Continental Order No: 118638

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14051082                 | 3MS6150                 | WG-05132014-JR-MW07S2     |
| 14051083                 | 3MS6150                 | WG-05132014-JR-FD5        |

| <u>Analysis</u>           | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u> | <u>Amount Detected</u>  | <u>Units</u>               | <u>Percent Recovery</u> |
|---------------------------|-------------------------|----------------------------|---------------------------|-------------------------|----------------------------|-------------------------|
| OXY GC/MS Acids           | 06/02/2014              |                            |                           | CCV recovery acceptable | except as qualified below. |                         |
| 2,3,4,5-Tetrachlorophenol | 06/02/2014              | 1MS6153                    | 100                       | 98.3                    | µg/ml                      | 98.3 CE                 |

Samples associated with this Continuing Calibration Verification:

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14051084                 | 1MS6153                 | WG-05132014-JR-MW07S3     |
| 14051085                 | 1MS6153                 | WG-05132014-AK-MW137S1    |
| 14051086                 | 1MS6153                 | WG-05132014-AK-MW137S3    |
| 14051087                 | 1MS6153                 | WG-05142014-JR-MW24S4     |
| 14051088                 | 1MS6153                 | WG-05142014-AK-MW137S2    |
| 14051089                 | 1MS6153                 | WG-05142014-AK-MW16S2SS   |
| 14051090                 | 1MS6153                 | WG-05142014-JR-BUILDERS   |

| <u>Analysis</u>           | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u> | <u>Amount Detected</u>  | <u>Units</u>               | <u>Percent Recovery</u> |
|---------------------------|-------------------------|----------------------------|---------------------------|-------------------------|----------------------------|-------------------------|
| OXY GC/MS Acids           | 06/03/2014              |                            |                           | CCV recovery acceptable | except as qualified below. |                         |
| 2,3,4,5-Tetrachlorophenol | 06/03/2014              | 1MS6154                    | 100                       | 104                     | µg/ml                      | 104 CE                  |

Samples associated with this Continuing Calibration Verification:

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14051089R                | 1MS6154                 | WG-05142014-AK-MW16S2SS   |

| <u>Analysis</u>       | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u> | <u>Amount Detected</u>                             | <u>Units</u> | <u>Percent Recovery</u> |
|-----------------------|-------------------------|----------------------------|---------------------------|--|--------------|-------------------------|
| OXY Volatiles by 8260 | 05/15/2014              | 1MS5135                    |                           | CCV recovery acceptable for this Instrument Batch. |              |                         |
| OXY Volatiles by 8260 | 05/16/2014              | 1MS8136                    |                           | CCV recovery acceptable for this Instrument Batch. |              |                         |

**Data Qualifiers:**

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

- Laboratory Report Conclusion -





**CONESTOGA-ROVERS  
& ASSOCIATES**

SSOW # 257-402-002-3100

# CHAIN OF CUSTODY RECORD

CAS ORDER NO.: 118038  
COC NO.: 38268

PAGE 2 OF 2

Address: 8615 W. BRYN MAIR AVE, CHICAGO, IL 60631

Phone: (773) 380-9133 Fax:  
Report/EDD 05/28/14

(See Reverse Side for Instructions)

|  |                         |          |   |                      |             |                         |                                 |   |   |                           |                       |                            |               |                                    |
|--|-------------------------|----------|---|----------------------|-------------|-------------------------|---------------------------------|---|---|---------------------------|-----------------------|----------------------------|---------------|------------------------------------|
| Project No/Phase/Task Code:<br><b>05404U-042407</b>                              |                         |          | Laboratory Name:<br><b>CONTINENTAL ANALYTICAL</b> |                      |             |                         |                                 |   | Lab Location:<br><b>SALINA, KS</b>                      |                           |                       | SSOW ID:                   |               |                                    |
| Project Name:<br><b>OCC WICHITA</b>  |                         |          | Lab Contact:<br><b>CLIFF BAKER</b>                |                      |             |                         |                                 |   | Lab Quote No:   |                           |                       | Cooler No:                 |               |                                    |
| Project Location:<br><b>WICHITA, KANSAS</b>                                      |                         |          | Container Quantity & Preservation                 |                      |             |                         |                                 |   | Analysis Requested<br>(See Back of COC for Definitions) |                           |                       | Carrier:<br><b>CARRIER</b> |               |                                    |
| Chemistry Contact:<br><b>PAUL McMAHON</b>  |                         |          | SAMPLE TYPE                                       |                      |             |                         |                                 |   |   |                           |                       | Airbill No:                |               |                                    |
| Sampler(s):<br><b>J. RATE, A. KREIN</b>  |                         |          | Matrix Code<br>(see back of COC)                  | Grab (G) or Comp (C) | Unpreserved | Hydrochloric Acid (HCl) | Nitric Acid (HNO <sub>3</sub> ) | Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ) | Sodium Hydroxide (NaOH)                                 | Methanol/Water (Soil VOC) | EnCores 3x5-g, 1x25-g | Other:                     | Date Shipped: |                                    |
| SAMPLE IDENTIFICATION<br>(Container for each sample may be combined on one line) |                         |          | DATE<br>(mm/dd/yy)                                | TIME<br>(hh:mm)      |             |                         |                                 |   |   |                           |                       | Total Containers/Sample    | MS/SD Request | Comments/<br>Special Instructions: |
| 1  | WG-05142014-AK-MW13752  | 05/14/14 | 09:30   | WG G                 | 5           | 3                       |                                 |   |   |                           |                       | 8 X XXX                    |               |                                    |
| 2  | WG-05142014-AK-MW165253 |          | 10:35   |                      | 5           | 3                       |                                 |   |   |                           |                       | 8 X XXX                    |               |                                    |
| 3  | WG-05142014-JR-BUILDERS |          | 11:00   | ↓                    | 5           | 3                       |                                 |   |   |                           |                       | 8 X XXX                    |               |                                    |
| 4  | TB-05142014-JR          |          | 12:00   | -                    | -           | 3                       |                                 |   |   |                           |                       | 3 X                        |               |                                    |
| 5  |                         |          |   |                      |             |                         |                                 |   |   |                           |                       |                            |               |                                    |
| 6  |                         |          |   |                      |             |                         |                                 |   |   |                           |                       |                            |               |                                    |
| 7  |                         |          |   |                      |             |                         |                                 |   |   |                           |                       |                            |               |                                    |
| 8  |                         |          |   |                      |             |                         |                                 |   |   |                           |                       |                            |               |                                    |
| 9  |                         |          |   |                      |             |                         |                                 |   |   |                           |                       |                            |               |                                    |
| 10   |                         |          |   |                      |             |                         |                                 |   |   |                           |                       |                            |               |                                    |
| 11   |                         |          |   |                      |             |                         |                                 |   |   |                           |                       |                            |               |                                    |
| 12   |                         |          |   |                      |             |                         |                                 |   |   |                           |                       |                            |               |                                    |
| 13   |                         |          |   |                      |             |                         |                                 |   |   |                           |                       |                            |               |                                    |
| 14   |                         |          |   |                      |             |                         |                                 |   |   |                           |                       |                            |               |                                    |
| 15   |                         |          |   |                      |             |                         |                                 |   |   |                           |                       |                            |               |                                    |

TAT Required in business days (use separate COCs for different TATs):

1 Day  2 Days  3 Days  1 Week  2 Week  Other:

Total Number of Containers: 163

All Samples in Cooler must be on COC

Notes/ Special Requirements:

| RELINQUISHED BY   | COMPANY | DATE    | TIME  | RECEIVED BY | COMPANY | DATE    | TIME  |
|-------------------|---------|---------|-------|-------------|---------|---------|-------|
| 1. <i>Doug R.</i> | CRA     | 5/14/14 | 13:30 | 1. Doug R.  | CAS     | 5/14/14 | 13:30 |
| 2. <i>Doug R.</i> | CAS     | 5/14/14 | 16:50 | 2. Mediwork | CAS     | 5/14/14 | 08:00 |
| 3.                |         |         |       | 3.          |         |         |       |

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT - ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

CRA Form: COC-10B (20110804)

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.: *118638*

Client Name: *OXX*

CAS File No.: *7775*

Sample ID's in cooler: *S-14-14*

*0753, 378*

Cooler 1 of 8 for this CAS Order No.

Cooler Identification: CAS Cooler #: *3136* / Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: *5/14/14 16:50*

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: *DB*

Custody Seal: Present: Intact / Broken Absent: *X* Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / *N/A*

Type of Packing Material: Blue Ice  Melted Ice  Bubble  Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) *0.7* Corrected Reading (°C) *1.3*

Temperature By: *Temperature Blank* Surface Temperature

Thermo. ID No.: *585* Thermo. Correction Factor (°C): *0.6*

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
  - Cover Letter  Container
  - PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
 [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: *MMS* Date Completed: *5-15-14*

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

118v38

CAS File No.:

77B

Client Name: OX

Sample ID's in cooler: 5-14-14, 2451, 2453, 0751

Cooler 2 of 8 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3000 / Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: 5/14/14 16:50

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: DB

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice / Melted Ice Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 3.3 Corrected Reading (°C) 3.4

Temperature, By: Temperature Blank Surface Temperature

Thermo. ID No.: 554 Thermo. Correction Factor (°C): 0.1

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:        | <input type="checkbox"/> Sample excluded from Chain of Custody  |
| Cover Letter <input type="checkbox"/> Container <input type="checkbox"/>               | <input type="checkbox"/> Sample listed on Chain of Custody, not received  |
| PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/>                    | <input type="checkbox"/> Sample identification on container and Chain of Custody do not agree   |
| <input type="checkbox"/> Container label absent  | <input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]                | <input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.] |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.) | <input type="checkbox"/> Broken or leaking containers (detail actions below)  |
| <input type="checkbox"/> Date or Time sampled obtained from container label            | <input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate   |
| <input type="checkbox"/> Chain of Custody missing sampler's name                       | <input type="checkbox"/> Other discrepancies: _____   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)                 |   |
| <input type="checkbox"/> Missing relinquished information: signature date time         |   |

Detail to discrepancies/comments:

Completed by: Rever Date Completed: 5-15-14

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.: *18638*

Client Name: *OX*

CAS File No.: *775*

Sample ID's in cooler: *S-105*

*FDS, 075*

Cooler 3 of 8 for this CAS Order No.

Cooler Identification: CAS Cooler #: 0724 / Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: 5/14/14 16:50

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: DB

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice / Melted Ice Bubble Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 0.5 Corrected Reading (°C) 1.1

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 58 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:        | <input type="checkbox"/> Sample excluded from Chain of Custody  |
| Cover Letter <input type="checkbox"/> Container <input type="checkbox"/>               | <input type="checkbox"/> Sample listed on Chain of Custody, not received  |
| PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/>                    | <input type="checkbox"/> Sample identification on container and Chain of Custody do not agree   |
| <input type="checkbox"/> Container label absent  | <input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]                | <input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.] |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.) | <input type="checkbox"/> Broken or leaking containers (detail actions below)  |
| <input type="checkbox"/> Date or Time sampled obtained from container label            | <input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate   |
| <input type="checkbox"/> Chain of Custody missing sampler's name                       | <input type="checkbox"/> Other discrepancies: _____   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)                 |   |
| <input type="checkbox"/> Missing relinquished information: signature date time         |   |

Detail to discrepancies/comments:

Completed by: hws Date Completed: 5-15-14

**Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.: *118638*

Client Name: *XXX*

CAS File No.: *7778*

Sample ID's in cooler: *S-14-14  
3752, 2904, 1022*

Cooler 4 of 8 for this CAS Order No.

Cooler Identification: CAS Cooler #: Y 812 / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 5/14/14 16:50

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: DB

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice / Melted Ice Bubble Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 3.9 Corrected Reading (°C) 4.5

Temperature, By: Temperature Blank Surface Temperature

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:        | <input type="checkbox"/> Sample excluded from Chain of Custody  |
| Cover Letter <input type="checkbox"/> Container <input type="checkbox"/>               | <input type="checkbox"/> Sample listed on Chain of Custody, not received  |
| PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/>                    | <input type="checkbox"/> Sample identification on container and Chain of Custody do not agree   |
| <input type="checkbox"/> Container label absent  | <input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]                | <input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.] |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.) | <input type="checkbox"/> Broken or leaking containers (detail actions below)  |
| <input type="checkbox"/> Date or Time sampled obtained from container label            | <input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate   |
| <input type="checkbox"/> Chain of Custody missing sampler's name                       | <input type="checkbox"/> Other discrepancies: _____   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)                 |   |
| <input type="checkbox"/> Missing relinquished information: signature date time         |   |

Detail to discrepancies/comments:

Completed by: *mw*

Date Completed: *5-15-14*

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.: 118638

Client Name: OXX

CAS File No.: 775

Sample ID's in cooler: 5-14-14

VOC's On Builders

Cooler 5 of 8 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3155 / Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: 5/14/14 16:50

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: D B

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_  
 Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice / Melted Ice Bubble Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 1.0 Corrected Reading (°C) 1.1

*raw  
5-14-14*

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 554 Thermo. Correction Factor (°C): 0.1

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
    - Cover Letter  Container
    - PO  CAS Proj. Mgr.
  - Container label absent
  - Chain of Custody incomplete [see detail below]
  - Chain of Custody missing date/time sampled (excl. TB or Dup.)
  - Date or Time sampled obtained from container label
  - Chain of Custody missing sampler's name
  - Chain of Custody missing matrix (sample type)
  - Missing relinquished information: signature date time \_\_\_\_\_
- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
 [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: mws Date Completed: 5-14-14

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.: *118638*

CAS File No.: *NTS*

Client Name: *OXX*

Sample ID's in cooler: *S-1454, 0951, 11353*

Cooler *1* of *8* for this CAS Order No.

Cooler Identification: CAS Cooler #: *3889* / Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: *5/14/14 16:50*

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: *DB*

Custody Seal: Present: Intact / Broken Absent:  Seal No: \_\_\_\_\_  
 Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No /  N/A

Type of Packing Material: Blue Ice  / Melted Ice  Bubble  Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) *0.8* Corrected Reading (°C) *1.4*

Temperature By: *Temperature Blank* Surface Temperature

Thermo. ID No.: *585* Thermo. Correction Factor (°C): *0.6*

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
  - Cover Letter  Container
  - PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time
- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
 [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: *RW* Date Completed: *5-15-14*

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

118638

CAS File No.:

777

Client Name: OX

Sample ID's in cooler: 5-14-14

2551, Amw1, 0953

Cooler 1 of 8 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3191 / Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: 5 / 14 / 14 16 :50

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: DB

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice / Melted Ice Bubble Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 0.6 Corrected Reading (°C) 1.2

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:        | <input type="checkbox"/> Sample excluded from Chain of Custody  |
| Cover Letter <input type="checkbox"/> Container <input type="checkbox"/>               | <input type="checkbox"/> Sample listed on Chain of Custody, not received  |
| PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/>                    | <input type="checkbox"/> Sample identification on container and Chain of Custody do not agree   |
| <input type="checkbox"/> Container label absent  | <input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]                | <input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.] |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.) | <input type="checkbox"/> Broken or leaking containers (detail actions below)  |
| <input type="checkbox"/> Date or Time sampled obtained from container label            | <input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate   |
| <input type="checkbox"/> Chain of Custody missing sampler's name                       | <input type="checkbox"/> Other discrepancies: _____   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)                 |   |
| <input type="checkbox"/> Missing relinquished information: signature date time         |   |

Detail to discrepancies/comments:

Completed by: mwr Date Completed: 5-15-14

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.: *118638*

Client Name: *OXX*

CAS File No.: *7775*

Sample ID's in cooler: *S-14-14*

*3753*

Cooler *8* of *8* for this CAS Order No.

Cooler Identification: CAS Cooler #: *3916* / Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: *5/14/14 16:50*

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: *DB*

Custody Seal: Present: Intact / Broken Absent:  Seal No: \_\_\_\_\_  
 Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No /  N/A

Type of Packing Material: Blue Ice  Melted Ice  Bubble  Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) *0.6* Corrected Reading (°C) *1.2*

*now  
5-14-14*

Temperature, By:  Temperature Blank Surface Temperature

Thermo. ID No.: *✓ 85* Thermo. Correction Factor (°C): *0.6*

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |  |
|--|--|
| <input type="checkbox"/> Chain of Custody not present - information taken from:        | <input type="checkbox"/> Sample excluded from Chain of Custody   |
| Cover Letter <input type="checkbox"/> Container <input type="checkbox"/>               | <input type="checkbox"/> Sample listed on Chain of Custody, not received   |
| PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/>                    | <input type="checkbox"/> Sample identification on container and Chain of Custody do not agree  |
| <input type="checkbox"/> Container label absent  | <input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]  |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]                | <input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br><small>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]</small> |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.) | <input type="checkbox"/> Broken or leaking containers (detail actions below)   |
| <input type="checkbox"/> Date or Time sampled obtained from container label            | <input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate  |
| <input type="checkbox"/> Chain of Custody missing sampler's name                       | <input type="checkbox"/> Other discrepancies: _____  |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)                 |  |
| <input type="checkbox"/> Missing relinquished information: signature date time         |  |

Detail to discrepancies/comments:

Completed by: *now* Date Completed: *5-15-14*

06/23/2014

Page: 1

Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date and Time Received: 05/20/2014 1337  
Continental File No.: 7775  
Continental Order No.: 118747  
Project ID: 054046-042407  
Purchase Auth: GSH00009; CRA#42407

Dear Ms. Blair:

This laboratory report, containing the samples indicated below, includes 23 pages for the analytical report, 1 page(s) for the chain of custody and/or analysis request, and 3 page(s) for the sample receipt form.

| <u>CAS LAB ID #</u> | <u>SAMPLE DESCRIPTION</u> | <u>SAMPLE TYPE</u> | <u>DATE SAMPLED</u> |
|---------------------|---------------------------|--------------------|---------------------|
| 14051490            | WG-05192014-AK-AMW105D    | Liquid             | 5/19/2014           |
| 14051491            | WG-05192014-AK-AMW105S    | Liquid             | 5/19/2014           |
| 14051492            | WG-05192014-AK-MW136S2/S3 | Liquid             | 5/19/2014           |
| 14051493            | WG-05192014-JR-MW29S3     | Liquid             | 5/19/2014           |
| 14051494            | WG-05192014-JR-MW29S1     | Liquid             | 5/19/2014           |
| 14051495            | WG-05192014-JR-MW140S2/S3 | Liquid             | 5/19/2014           |
| 14051496            | TB-05202014-JR            | Liquid             | 5/20/2014           |

This report was reissued on 06/23/2014 to correct the sample description on laboratory number 14051492. Please replace the previous report with this revision.

The Appendix and Quality Control sections are integral parts of this laboratory report and may contain important data qualifiers.

All results are reported on a wet weight basis unless otherwise stated.

Samples will be retained for thirty days unless Continental is otherwise notified.

Continental is accredited by the State of Kansas through the National Environmental Laboratory Accreditation Program (NELAP). The results contained in this report were obtained using Continental's Standard Operating Procedures. These procedures are in substantial compliance with the approved methods referenced and the standards published by NELAP unless otherwise noted in the Appendix and Quality Control sections of this report.

This report may not be reproduced, except in full, without written approval from Continental Analytical Services, Inc.

Thank you for choosing Continental for this project.



525 N. Eighth St. - Salina, KS 67401  
785-827-1273 800-535-3076 Fax 785-823-7830  
KDHE Environmental Laboratory Accreditation No. E-10146



06/23/2014

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CONTINENTAL ANALYTICAL SERVICES, INC.



Clifford J. Baker  
Technical Manager



525 N. Eighth St. - Salina, KS 67401  
785-827-1273 800-535-3076 Fax 785-823-7830  
KDHE Environmental Laboratory Accreditation No. E-10146



## Sample Results

Page: 3

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/20/2014  
 Continental File No: 7775  
 Continental Order No: 118747

Lab Number: 14051490

Sample Description: WG-05192014-AK-AMW105D

Date Sampled: 05/19/2014  
 Time Sampled: 1415

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/27          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/27          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/28          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/28          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/28          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/28          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/28          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/28          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/28          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/347         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/347         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/347         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/347         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/347         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/347         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/347         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/347         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/347         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5) QC           | µg/L                      | 7350/184         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7350/184         |
| Benzene                        | ND(0.5)              | µg/L                      | 7350/184         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7350/184         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7350/184         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7350/184         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7350/184         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7350/184         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7350/184         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7350/184         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7350/184         |
| Hardness (Calculated)          | 254                  | mg/L as CaCO <sub>3</sub> | 7157/886         |
| Chloride                       | 28.0                 | mg/L                      | 7276/288         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/23/14 0700             | 06/03/14 2047             | 140523-1        | 2NX5154            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

Page: 4

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/20/2014  
Continental File No: 7775  
Continental Order No: 118747

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/23/14 0700             | 06/03/14 2047             | 140523-1        | 2NX5154            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/21/14 1300             | 06/02/14 2049             | 140521-1        | 1EX3153            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/22/14 0915             | 06/03/14 0921             | 140522-1        | 1MS6154            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/21/14 1951             | 1MS9141         | 1MS9141            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/22/14 1130             | 05/23/14 0200             | 140522-7        | 11IP4142           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/31/14 0014             | 2IC1150         | 5IC1150            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051490

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## Sample Results

Page: 5

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/20/2014  
 Continental File No: 7775  
 Continental Order No: 118747

Lab Number: 14051491

Sample Description: WG-05192014-AK-AMW105S

Date Sampled: 05/19/2014  
 Time Sampled: 1455

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/27          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/27          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/28          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/28          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/28          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/28          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/28          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/28          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/28          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/347         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/347         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/347         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/347         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/347         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/347         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/347         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/347         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/347         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5) QC           | µg/L                      | 7350/184         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7350/184         |
| Benzene                        | ND(0.5)              | µg/L                      | 7350/184         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7350/184         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7350/184         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7350/184         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7350/184         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7350/184         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7350/184         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7350/184         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7350/184         |
| Hardness (Calculated)          | 194                  | mg/L as CaCO <sub>3</sub> | 7157/886         |
| Chloride                       | 17.1                 | mg/L                      | 7276/288         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/23/14 0700             | 06/03/14 2126             | 140523-1        | 2NX5154            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

Page: 6

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/20/2014  
Continental File No: 7775  
Continental Order No: 118747

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/23/14 0700             | 06/03/14 2126             | 140523-1        | 2NX5154            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/21/14 1300             | 06/02/14 2131             | 140521-1        | 1EX3153            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/22/14 0915             | 06/03/14 1005             | 140522-1        | 1MS6154            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/21/14 2015             | 1MS9141         | 1MS9141            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/22/14 1130             | 05/23/14 0204             | 140522-7        | 11IP4142           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/31/14 0026             | 2IC1150         | 5IC1150            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051491

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## Sample Results

Page: 7

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/20/2014  
 Continental File No: 7775  
 Continental Order No: 118747

Lab Number: 14051492

Sample Description: WG-05192014-AK-MW136S2/S3

Date Sampled: 05/19/2014  
 Time Sampled: 1545

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/27          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/27          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/28          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/28          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/28          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/28          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/28          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/28          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/28          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/347         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/347         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/347         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/347         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/347         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/347         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/347         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/347         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/347         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5) QC           | µg/L                      | 7350/184         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7350/184         |
| Benzene                        | ND(0.5)              | µg/L                      | 7350/184         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7350/184         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7350/184         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7350/184         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7350/184         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7350/184         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7350/184         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7350/184         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7350/184         |
| Hardness (Calculated)          | 253                  | mg/L as CaCO <sub>3</sub> | 7157/886         |
| Chloride                       | 103                  | mg/L                      | 7276/288         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/23/14 0700             | 06/03/14 2205             | 140523-1        | 2NX5154            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

Page: 8

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/20/2014  
Continental File No: 7775  
Continental Order No: 118747

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/23/14 0700             | 06/03/14 2205             | 140523-1        | 2NX5154            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/21/14 1300             | 06/02/14 2212             | 140521-1        | 1EX3153            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/22/14 0915             | 06/03/14 1049             | 140522-1        | 1MS6154            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/21/14 2040             | 1MS9141         | 1MS9141            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/22/14 1130             | 05/23/14 0208             | 140522-7        | 11IP4142           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/31/14 0039             | 2IC1150         | 5IC1150            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051492

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## Sample Results

Page: 9

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/20/2014  
 Continental File No: 7775  
 Continental Order No: 118747

Lab Number: 14051493  
 Sample Description: WG-05192014-JR-MW29S3

Date Sampled: 05/19/2014  
 Time Sampled: 1400

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | 1.2 FC                    | µg/L                      | 7411/29          |                    |                |                  |
| Pentachlorophenol              | 7.8                       | µg/L                      | 7411/27          |                    |                |                  |
| OXY Chlorinated Hyd.           | SR                        |                           |                  |                    |                |                  |
| A-BHC                          | 0.063 B                   | µg/L                      | 7409/28          |                    |                |                  |
| B-BHC                          | 1.28 FC                   | µg/L                      | 7409/28          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/28          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/28          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/28          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/28          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/28          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/348         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/348         |                    |                |                  |
| 2,4-Dichlorophenol             | 27.3                      | µg/L                      | 7326/348         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/348         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/348         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/348         |                    |                |                  |
| 2,4,6-Trichlorophenol          | 6.6                       | µg/L                      | 7326/348         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/348         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/348         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(5) QC                  | µg/L                      | 7350/184         |                    |                |                  |
| 1,2-Dichloroethane             | 214                       | µg/L                      | 7350/184         |                    |                |                  |
| Benzene                        | 5                         | µg/L                      | 7350/184         |                    |                |                  |
| Carbon tetrachloride           | ND(5)                     | µg/L                      | 7350/184         |                    |                |                  |
| Chloroform                     | ND(5)                     | µg/L                      | 7350/184         |                    |                |                  |
| Chloromethane                  | ND(5)                     | µg/L                      | 7350/184         |                    |                |                  |
| Methylene chloride             | ND(5)                     | µg/L                      | 7350/184         |                    |                |                  |
| Tetrachloroethylene            | 63                        | µg/L                      | 7350/184         |                    |                |                  |
| Trichloroethylene              | 105                       | µg/L                      | 7350/184         |                    |                |                  |
| Vinyl chloride                 | ND(5)                     | µg/L                      | 7350/184         |                    |                |                  |
| 1,2-Dichloropropane            | ND(5)                     | µg/L                      | 7350/184         |                    |                |                  |
| Hardness (Calculated)          | 562                       | mg/L as CaCO <sub>3</sub> | 7157/886         |                    |                |                  |
| Chloride                       | 1510                      | mg/L                      | 7276/288         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/23/14 0700             | 06/06/14 1739             | 140523-1         | 1NX5157            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/20/2014  
Continental File No: 7775  
Continental Order No: 118747

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/23/14 0700             | 06/04/14 0041             | 140523-1        | 2NX5154            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/21/14 1300             | 06/02/14 2254             | 140521-1        | 1EX3153            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/22/14 0915             | 06/04/14 0934             | 140522-1        | 1MS6155            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/21/14 2105             | 1MS9141         | 1MS9141            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/22/14 1130             | 05/23/14 0212             | 140522-7        | 11IP4142           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/31/14 0051             | 2IC1150         | 5IC1150            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051493

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/20/2014  
 Continental File No: 7775  
 Continental Order No: 118747

Lab Number: 14051494

Date Sampled: 05/19/2014  
 Time Sampled: 1450

Sample Description: WG-05192014-JR-MW29S1

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/27          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/27          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | 0.023 B              | µg/L                      | 7409/28          |
| B-BHC                          | 0.243                | µg/L                      | 7409/28          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/28          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/28          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/28          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/28          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/28          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/348         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/348         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/348         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/348         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/348         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/348         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/348         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/348         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/348         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5) QC           | µg/L                      | 7350/184         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7350/184         |
| Benzene                        | ND(0.5)              | µg/L                      | 7350/184         |
| Carbon tetrachloride           | 18.9                 | µg/L                      | 7350/184         |
| Chloroform                     | 8.3                  | µg/L                      | 7350/184         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7350/184         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7350/184         |
| Tetrachloroethylene            | 0.8                  | µg/L                      | 7350/184         |
| Trichloroethylene              | 0.7                  | µg/L                      | 7350/184         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7350/184         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7350/184         |
| Hardness (Calculated)          | 738                  | mg/L as CaCO <sub>3</sub> | 7157/886         |
| Chloride                       | 1320                 | mg/L                      | 7276/289         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/23/14 0700             | 06/03/14 2244             | 140523-1        | 2NX5154            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/20/2014  
Continental File No: 7775  
Continental Order No: 118747

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/23/14 0700             | 06/03/14 2244             | 140523-1        | 2NX5154            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/21/14 1300             | 06/02/14 2336             | 140521-1        | 1EX3153            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/22/14 0915             | 06/04/14 1019             | 140522-1        | 1MS6155            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/21/14 2130             | 1MS9141         | 1MS9141            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/22/14 1130             | 05/23/14 0225             | 140522-7        | 12IP4142           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/03/14 1702             | IIC1154         | IIC1154            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051494

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/20/2014  
 Continental File No: 7775  
 Continental Order No: 118747

Lab Number: 14051495

Sample Description: WG-05192014-JR-MW140S2/S3

Date Sampled: 05/19/2014  
 Time Sampled: 1545

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/27          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/27          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/28          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/28          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/28          |
| Hexachloroethane               | 0.15                 | µg/L                      | 7409/28          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/28          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/28          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/28          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/348         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/348         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/348         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/348         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/348         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/348         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/348         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/348         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/348         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(20) QC            | µg/L                      | 7350/184         |
| 1,2-Dichloroethane             | ND(20)               | µg/L                      | 7350/184         |
| Benzene                        | ND(20)               | µg/L                      | 7350/184         |
| Carbon tetrachloride           | 1660                 | µg/L                      | 7350/184         |
| Chloroform                     | 41                   | µg/L                      | 7350/184         |
| Chloromethane                  | ND(20)               | µg/L                      | 7350/184         |
| Methylene chloride             | ND(20)               | µg/L                      | 7350/184         |
| Tetrachloroethylene            | ND(20)               | µg/L                      | 7350/184         |
| Trichloroethylene              | ND(20)               | µg/L                      | 7350/184         |
| Vinyl chloride                 | ND(20)               | µg/L                      | 7350/184         |
| 1,2-Dichloropropane            | ND(20)               | µg/L                      | 7350/184         |
| Hardness (Calculated)          | 693                  | mg/L as CaCO <sub>3</sub> | 7157/886         |
| Chloride                       | 490                  | mg/L                      | 7276/289         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/23/14 0700             | 06/03/14 2323             | 140523-1        | 2NX5154            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/20/2014  
Continental File No: 7775  
Continental Order No: 118747

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/23/14 0700             | 06/03/14 2323             | 140523-1        | 2NX5154            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/21/14 1300             | 06/03/14 0018             | 140521-1        | 1EX3153            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/22/14 0915             | 06/04/14 1103             | 140522-1        | 1MS6155            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/21/14 2155             | 1MS9141         | 1MS9141            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/22/14 1130             | 05/23/14 0229             | 140522-7        | 12IP4142           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/03/14 1715             | IIC1154         | IIC1154            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051495

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## Sample Results

Page: 15

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/20/2014  
Continental File No: 7775  
Continental Order No: 118747

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Lab Number: 14051496  
Sample Description: TB-05202014-JR

Date Sampled: 05/20/2014  
Time Sampled: 1200

| <u>Analysis</u>                      | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u>           |
|--------------------------------------|---------------------------|---------------------------|----------------------------|
| OXY Volatiles by 8260                |                           |                           |                            |
| 1,1,1-Trichloroethane                | ND(0.5) QC                | µg/L                      | 7350/184                   |
| 1,2-Dichloroethane                   | ND(0.5)                   | µg/L                      | 7350/184                   |
| Benzene                              | ND(0.5)                   | µg/L                      | 7350/184                   |
| Carbon tetrachloride                 | ND(0.5)                   | µg/L                      | 7350/184                   |
| Chloroform                           | ND(0.5)                   | µg/L                      | 7350/184                   |
| Chloromethane                        | ND(0.5)                   | µg/L                      | 7350/184                   |
| Methylene chloride                   | ND(0.5)                   | µg/L                      | 7350/184                   |
| Tetrachloroethylene                  | ND(0.5)                   | µg/L                      | 7350/184                   |
| Trichloroethylene                    | ND(0.5)                   | µg/L                      | 7350/184                   |
| Vinyl chloride                       | ND(0.5)                   | µg/L                      | 7350/184                   |
| 1,2-Dichloropropane                  | ND(0.5)                   | µg/L                      | 7350/184                   |
| <u>Analysis</u>                      | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>            |
| OXY Volatiles by 8260                | N/A                       | 05/21/14 2220             | 1MS9141                    |
| Volatile Analysis Preparation Method |                           |                           | 1MS9141 RKR 8260B<br>5030B |

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Conclusion of Lab Number: 14051496

## Appendix

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/20/2014  
Continental File No: 7775  
Continental Order No: 118747

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ND( ), where reported, indicates the analyte was not detected above the Limit of Quantitation (LOQ). The concentration of the LOQ is inside the parentheses.

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All samples which require cooling were received at a temperature of less than 6 degrees Celsius.

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No analysis with a holding time of seventy-two hours or less was performed in this Continental order.

---

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

B - Analyte is also present in the method blank or load blank at the concentration indicated either to the right of the letter B and/or in the enclosed Quality Control Report. The reported sample concentration has not been blank corrected.

FC - The confirmation analysis on a second GC column (or detector) resulted in a greater than 40% difference between the primary and confirmation results. The lower value was reported.

QC - QC data qualifiers were noted. See the Quality Control Report.

SR - One or more surrogate recoveries for this analysis did not meet quality control limits. Please see the Quality Control Report for the sample surrogate data.

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## Accreditation Summary

Page: 17

Client: Occidental Chemical Corporation  
Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/20/2014  
Continental File No: 7775  
Continental Order No: 118747

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NELAP accreditation is issued under each EPA regulatory program for a given matrix/analyte/method combination. Continental is NELAP accredited for each matrix/analyte/method and EPA program cited in this Laboratory Report, except for those listed in the table below and for analyses performed in the field. For most of the analyses listed in the table, NELAP accreditation is not offered under the listed EPA program and Continental is NELAP accredited for the analysis, using the same analytical technology, but under a different EPA program. Continental's full NELAP accreditation status may be viewed at [www.kdheks.gov/envlab](http://www.kdheks.gov/envlab). Note that unless qualified otherwise in the Laboratory Report, Continental performs all analyses, including each analysis listed in the table below, utilizing NELAP protocol.

| <u>Test</u> | <u>Analysis</u>           | <u>Matrix-Regulatory Program</u> | <u>Method</u> | <u>CAS NELAP Accredited in Other Reg. Program</u> |
|-------------|---------------------------|----------------------------------|---------------|---|
| CL351       | OXY Chlorinated Hyd.      | L-RCRA                           | 8121          |   |
| CL351       | Hexachloroethane          | L-RCRA                           | 8121          | No  |
| CL351       | Hexachlorobutadiene       | L-RCRA                           | 8121          | No  |
| MS302       | OXY GC/MS Acids           | L-RCRA                           | 8270C         |   |
| MS302       | 3-& 4-Chlorophenol        | L-RCRA                           | 8270C         | No  |
| MS302       | 2,5-Dichlorophenol        | L-RCRA                           | 8270C         | No  |
| MS302       | 2,3,4,5-Tetrachlorophenol | L-RCRA                           | 8270C         | No  |

**Quality Control Report  
Batch Summary**

Page: 18

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/20/2014  
Continental File No: 7775  
Continental Order No: 118747

| Test Code   | Testname                       | QC Batch | Method Blank Date/Time Analyzed | LCS Date/Time Analyzed      | MS Lab No. Date/Time Analyzed |
|---|--------------------------------|----------|---------------------------------|-----------------------------|-------------------------------|
| CL223   | 2,4-Dichlorophenoxyacetic Acid | 140523-1 | 140523BLK1<br>06/03/14 1929     | 140523LCS1<br>06/03/14 2008 | 14051852MS<br>06/06/14 1858   |
| Lab numbers associated with this batch:<br>14051490 14051491 14051492 14051493 14051494 14051495          |                                |          |                                 |                             |                               |
| CL350   | Pentachlorophenol              | 140523-1 | 140523BLK1<br>06/03/14 1929     | 140523LCS1<br>06/03/14 2008 | 14051852MS<br>06/04/14 0515   |
| Lab numbers associated with this batch:<br>14051490 14051491 14051492 14051493 14051494 14051495          |                                |          |                                 |                             |                               |
| CL351   | OXY Chlorinated Hyd.           | 140521-1 | 140521BLK1<br>06/02/14 1843     | 140521LCS1<br>06/02/14 1925 | 14051495MS                    |
| Lab numbers associated with this batch:<br>14051490 14051491 14051492 14051493 14051494 14051495          |                                |          |                                 |                             |                               |
| MS302   | OXY GC/MS Acids                | 140522-1 | 140522BLK1<br>06/03/14 0709     | 140522LCS1<br>06/03/14 0753 |                               |
| Lab numbers associated with this batch:<br>14051490 14051491 14051492 14051493 14051494 14051495          |                                |          |                                 |                             |                               |
| MS350   | OXY Volatiles by 8260          | 1MS9141  | BLK1MS9141<br>05/21/14 1338     | LCS1MS9141<br>05/21/14 1248 |                               |
| Lab numbers associated with this batch:<br>14051490 14051491 14051492 14051493 14051494 14051495 14051496 |                                |          |                                 |                             |                               |
| SL323   | Hardness (Calculated)          | 140522-7 | 140522BLK7<br>05/23/14 0028     | 140522LCS7<br>05/23/14 0032 | 14051061MS<br>05/23/14 0105   |
| Lab numbers associated with this batch:<br>14051490 14051491 14051492 14051493 14051494 14051495          |                                |          |                                 |                             |                               |
| GL502   | Chloride                       | 1IC1154  | BLK1IC1154<br>06/03/14 1613     | LCS1IC1154<br>06/03/14 1626 | 14051502MS<br>06/03/14 1739   |
| Lab numbers associated with this batch:<br>14051494 14051495  |                                |          |                                 |                             |                               |
| GL502   | Chloride                       | 2IC1150  | BLK2IC1150<br>05/30/14 1945     | LCS2IC1150<br>05/30/14 1957 | 14051414MS<br>05/30/14 2110   |
| Lab numbers associated with this batch:<br>14051490 14051491 14051492 14051493                            |                                |          |                                 |                             |                               |

**Quality Control Report**  
**Method Blank, LCS, MS/MSD Data**

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/20/2014  
 Continental File No: 7775  
 Continental Order No: 118747

| Analysis                             | Blank                                    | % Rec   | Limits    | Spike | Spiked Sample           |              | Limits | Spike     | Spiked Sample |                |  |  |
|--------------------------------------|--|---------|-----------|-------|-------------------------|--------------|--------|-----------|---------------|----------------|--|--|
|                                      | Data                                     | LCS     |           | Level | Units                   | (% Recovery) |        | Level     | Units         | Precision Data |  |  |
| QC Batch: 140521-1                   | For samples prepared on: 05/21/2014 1300 |         |           |       | Spiked sample: 14051495 |              |        |           |               |                |  |  |
| <b>OXY Chlorinated Hyd.</b>          |  |         |           |       |                         |              |        |           |               |                |  |  |
| A-BHC                                | 0.008 J                                  | 107     | 79.1-131  | 0.50  | µg/L                    | F            | F      | 75.2-138  | N/A           | µg/L           |  |  |
| B-BHC                                | ND(0.037)                                | 108     | 75.0-135  | 0.50  | µg/L                    | F            | F      | 72.4-137  | N/A           | µg/L           |  |  |
| G-BHC                                | ND(0.052)                                | 108     | 77.8-133  | 0.50  | µg/L                    | F            | F      | 77.9-137  | N/A           | µg/L           |  |  |
| Hexachloroethane                     | ND(0.02)                                 | 99.2    | 46.8-125  | 0.50  | µg/L                    | F            | F      | 31.6-131  | N/A           | µg/L           |  |  |
| Hexachlorobutadiene                  | ND(0.02)                                 | 90.8    | 41.2-130  | 0.50  | µg/L                    | F            | F      | 29.4-129  | N/A           | µg/L           |  |  |
| Hexachlorobenzene                    | ND(0.10)                                 | 98.2    | 70.8-133  | 0.50  | µg/L                    | F            | F      | 64.7-137  | N/A           | µg/L           |  |  |
| D-BHC                                | ND(0.05)                                 | 104     | 76.9-150  | 0.50  | µg/L                    | F            | F      | 73.2-157  | N/A           | µg/L           |  |  |
| <b>Surrogates:</b>                   |  |         |           |       |                         |              |        |           |               |                |  |  |
| 1,4-DICHLORONAPHTHALENE              | 79.2                                     | 82.6    | 58.6-99.8 | 8.0   | µg/L                    |              |        |           |               | 58.6-99.8      |  |  |
|                                      |  |         |           |       |                         |              |        |           |               | N/A            |  |  |
|                                      |  |         |           |       |                         |              |        |           |               | µg/L           |  |  |
|                                      |  |         |           |       |                         |              |        |           |               | **             |  |  |
| <b>QC Batch: 140522-1</b>            | For samples prepared on: 05/22/2014 0915 |         |           |       | Spiked sample:          |              |        |           |               |                |  |  |
| <b>OXY GC/MS Acids</b>               |  |         |           |       |                         |              |        |           |               |                |  |  |
| 2-Chlorophenol                       | ND(5.0)                                  | 90.9    | 70.2-103  | 50.0  | µg/L                    |              |        |           |               | 69.9-103       |  |  |
| 3-& 4-Chlorophenol                   | ND(5.0)                                  | 75.6    | 60.2-90.2 | 50.0  | µg/L                    |              |        |           |               | 59.9-92.2      |  |  |
| 2,4-Dichlorophenol                   | ND(5.0)                                  | 89.0    | 69.4-120  | 50.0  | µg/L                    |              |        |           |               | 67.9-124       |  |  |
| 2,5-Dichlorophenol                   | ND(5.0)                                  | 96.5    | 74.7-110  | 50.0  | µg/L                    |              |        |           |               | 77.0-100       |  |  |
| 2,6-Dichlorophenol                   | ND(5.0)                                  | 96.0    | 75.6-115  | 50.0  | µg/L                    |              |        |           |               | 73.8-118       |  |  |
| 2,4,5-Trichlorophenol                | ND(5.0)                                  | 97.0    | 78.9-118  | 50.0  | µg/L                    |              |        |           |               | 80.6-118       |  |  |
| 2,4,6-Trichlorophenol                | ND(5.0)                                  | 94.5    | 78.5-118  | 50.0  | µg/L                    |              |        |           |               | 79.4-120       |  |  |
| 2,3,4,5-Tetrachlorophenol            | ND(5.0) CE                               | 89.3 CE | 72.6-125  | 100   | µg/L                    |              |        |           |               | 73.7-125       |  |  |
| 2,3,4,6-Tetrachlorophenol            | ND(5.0)                                  | 94.1    | 72.9-128  | 50.0  | µg/L                    |              |        |           |               | 75.1-128       |  |  |
| <b>Surrogates:</b>                   |  |         |           |       |                         |              |        |           |               |                |  |  |
| PHENOL-d6                            | 35.9                                     | 36.2    | 22.3-43.0 | 150   | µg/L                    | MN           | MN     | 22.3-43.0 | N/A           | µg/L           |  |  |
| 2-FLUOROPHENOL                       | 57.1                                     | 55.3    | 37.7-66.5 | 150   | µg/L                    | MN           | MN     | 37.7-66.5 | N/A           | µg/L           |  |  |
| 2,4,6-TRIBROMOPHENOL                 | 86.5                                     | 98.3    | 56.7-128  | 150   | µg/L                    | MN           | MN     | 56.7-128  | N/A           | µg/L           |  |  |
| <b>QC Batch: 140522-7</b>            | For samples prepared on: 05/22/2014 1130 |         |           |       | Spiked sample: 14051061 |              |        |           |               |                |  |  |
| <b>Hardness (Calculated)</b>         | ND(5.0)                                  | 89.7    | 80.0-120  | 357   | mg/L a                  | MN           | MN     | 80.0-120  | 357           | mg/L a         |  |  |
|                                      |  |         |           |       |                         |              |        |           |               | **             |  |  |
|                                      |  |         |           |       |                         |              |        |           |               | 20.0           |  |  |
| <b>QC Batch: 140523-1</b>            | For samples prepared on: 05/23/2014 0700 |         |           |       | Spiked sample: 14051852 |              |        |           |               |                |  |  |
| <b>2,4-Dichlorophenoxyacetic Aci</b> | ND(1.0)                                  | 71.8    | 69.8-136  | 4.0   | µg/L                    | MN           | MN     | 77.4-130  | 4.0           | µg/L           |  |  |
| <b>Surrogates:</b>                   |  |         |           |       |                         |              |        |           |               |                |  |  |
| 2,4-DICHLOROPHENYLACETIC ACID        | 96.8                                     | 105     | 61.3-125  | 5.0   | µg/L                    | MN           | MN     | 61.3-125  | 5.0           | µg/L           |  |  |
| <b>QC Batch: 140523-1</b>            | For samples prepared on: 05/23/2014 0700 |         |           |       | Spiked sample: 14051852 |              |        |           |               |                |  |  |
| <b>Pentachlorophenol</b>             | ND(0.5)                                  | 101     | 74.9-121  | 4.0   | µg/L                    | MN           | MN     | 10.5-152  | 4.0           | µg/L           |  |  |
| <b>Surrogates:</b>                   |  |         |           |       |                         |              |        |           |               |                |  |  |
| 2,4-DICHLOROPHENYLACETIC ACID        | 96.8                                     | 105     | 61.3-125  | 5.0   | µg/L                    | MN           | MN     | 61.3-125  | 5.0           | µg/L           |  |  |
| <b>QC Batch: 1IC1154</b>             | For sample analyzed on: 06/03/2014       |         |           |       | Spiked sample: 14051502 |              |        |           |               |                |  |  |
| <b>Chloride</b>                      | ND(1.0)                                  | 103     | 90.0-110  | 4.0   | mg/L                    | MN           | MN     | 71.9-123  | 40.0          | mg/L           |  |  |
|                                      |  |         |           |       |                         |              |        |           |               | **             |  |  |
|                                      |  |         |           |       |                         |              |        |           |               | 5.2            |  |  |
| <b>QC Batch: 1MS9141</b>             | For sample analyzed on: 05/21/2014       |         |           |       | Spiked sample:          |              |        |           |               |                |  |  |
| <b>OXY Volatiles by 8260</b>         |  |         |           |       |                         |              |        |           |               |                |  |  |
| 1,1,1-Trichloroethane                | ND(0.5)                                  | 119 LH  | 81.5-118  | 10.0  | µg/L                    | MN           | MN     | 80.9-119  | N/A           | µg/L           |  |  |
| 1,2-Dichloroethane                   | ND(0.5)                                  | 103     | 74.4-117  | 10.0  | µg/L                    |              |        |           |               | 76.0-121       |  |  |
| Benzene                              | ND(0.5)                                  | 99.6    | 84.4-112  | 10.0  | µg/L                    |              |        |           |               | 79.1-119       |  |  |
| Carbon tetrachloride                 | ND(0.5)                                  | 114     | 81.7-124  | 10.0  | µg/L                    |              |        |           |               | 79.4-126       |  |  |
| Chloroform                           | ND(0.5)                                  | 112     | 75.7-112  | 10.0  | µg/L                    |              |        |           |               | 72.9-119       |  |  |
| Chloromethane                        | ND(0.5)                                  | 103     | 72.2-129  | 10.0  | µg/L                    |              |        |           |               | 67.0-134       |  |  |
| Methylene chloride                   | ND(0.5)                                  | 103     | 77.0-112  | 10.0  | µg/L                    |              |        |           |               | 75.6-117       |  |  |

**Quality Control Report  
Method Blank, LCS, MS/MSD Data**

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/23/2014  
Date Received: 05/20/2014  
Continental File No: 7775  
Continental Order No: 118747

| Analysis                 | Blank                                     | % Rec | Spiked Sample |             |       |              | Spiked Sample |     |          |             | Precision Data |         |
|--------------------------|---|-------|---------------|-------------|-------|--------------|---------------|-----|----------|-------------|----------------|---------|
|                          | Data                                      | LCS   | Limits        | Spike Level | Units | (% Recovery) | MS            | MSD | Limits   | Spike Level | Units          | Limit   |
| <b>QC Batch: 1MS9141</b> | <b>For sample analyzed on: 05/21/2014</b> |       |               |             |       |              |               |     |          |             |                |         |
| Tetrachloroethylene      | ND(0.5)                                   | 111   | 87.4-118      | 10.0        | µg/L  |              |               |     | 83.0-120 | N/A         | µg/L           | ** 8.2  |
| Trichloroethylene        | ND(0.5)                                   | 105   | 82.5-115      | 10.0        | µg/L  |              |               |     | 82.9-118 | N/A         | µg/L           | ** 8.3  |
| Vinyl chloride           | ND(0.5)                                   | 107   | 76.6-130      | 10.0        | µg/L  |              |               |     | 73.1-135 | N/A         | µg/L           | ** 12.6 |
| 1,2-Dichloropropane      | ND(0.5)                                   | 102   | 80.8-112      | 10.0        | µg/L  |              |               |     | 81.1-116 | N/A         | µg/L           | ** 9.9  |
| <b>Surrogates:</b>       |   |       |               |             |       |              |               |     |          |             |                |         |
| 1,2-DICHLOROETHANE-d4    | 104                                       | 98.3  | 74.9-126      | 10.0        | µg/L  | MN           | MN            |     | 74.9-126 | N/A         | µg/L           | **      |
| TOLUENE-d8               | 98.8                                      | 103   | 90.5-117      | 10.0        | µg/L  | MN           | MN            |     | 90.5-117 | N/A         | µg/L           | **      |
| <b>QC Batch: 2IC1150</b> | <b>For sample analyzed on: 05/30/2014</b> |       |               |             |       |              |               |     |          |             |                |         |
| <b>Chloride</b>          | ND(1.0)                                   | 99.0  | 90.0-110      | 4.0         | mg/L  | MN           | MN            |     | 71.9-123 | 400         | mg/L           | ** 5.2  |

Data Qualifiers:

F - MS and/or MSD sample data are not available due to insufficient sample volume.

J - The concentration or not detected (ND) value is below the Limit of Quantitation (LOQ) and is considered an estimated value.

MN - The MS/MSD sample analyses were not performed on a sample from this Continental order number.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

LH - The Laboratory Control Sample (LCS) recovery for this analyte was above the method or laboratory quality control limit. The reported sample concentration may be biased high.

\*\* - RPD calculation not applicable/not available for this analysis.

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/20/2014  
 Continental File No: 7775  
 Continental Order No: 118747

| <b>Surrogate</b>                                     | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|--|----------------------|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14051490</b>                          |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05192014-AK-AMW105D</b>    |                      |                      |                    |              |                   |                            |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                        | 05/23/2014           | 06/03/2014           | 5.0                | µg/L         | 96.7              | 61.3-125                   |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                        | 05/23/2014           | 06/03/2014           | 5.0                | µg/L         | 96.7              | 61.3-125                   |
| OXY Chlorinated Hyd.                                 |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                              | 05/21/2014           | 06/02/2014           | 8.0                | µg/L         | 82.4              | 58.6-99.8                  |
| OXY GC/MS Acids                                      |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/22/2014           | 06/03/2014           | 150                | µg/L         | 33.1              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                       | 05/22/2014           | 06/03/2014           | 150                | µg/L         | 52.1              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                                 | 05/22/2014           | 06/03/2014           | 150                | µg/L         | 85.4              | 56.7-128                   |
| OXY Volatiles by 8260                                |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                                |                      | 05/21/2014           | 10                 | µg/L         | 111               | 74.9-126                   |
| TOLUENE-d8   |                      | 05/21/2014           | 10                 | µg/L         | 96.0              | 90.5-117                   |
| <b>Lab Number: 14051491</b>                          |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05192014-AK-AMW105S</b>    |                      |                      |                    |              |                   |                            |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                        | 05/23/2014           | 06/03/2014           | 5.0                | µg/L         | 94.5              | 61.3-125                   |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                        | 05/23/2014           | 06/03/2014           | 5.0                | µg/L         | 94.5              | 61.3-125                   |
| OXY Chlorinated Hyd.                                 |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                              | 05/21/2014           | 06/02/2014           | 8.0                | µg/L         | 80.6              | 58.6-99.8                  |
| OXY GC/MS Acids                                      |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/22/2014           | 06/03/2014           | 150                | µg/L         | 33.5              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                       | 05/22/2014           | 06/03/2014           | 150                | µg/L         | 51.5              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                                 | 05/22/2014           | 06/03/2014           | 150                | µg/L         | 83.7              | 56.7-128                   |
| OXY Volatiles by 8260                                |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                                |                      | 05/21/2014           | 10                 | µg/L         | 113               | 74.9-126                   |
| TOLUENE-d8   |                      | 05/21/2014           | 10                 | µg/L         | 98.4              | 90.5-117                   |
| <b>Lab Number: 14051492</b>                          |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05192014-AK-MW136S2/S3</b> |                      |                      |                    |              |                   |                            |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                        | 05/23/2014           | 06/03/2014           | 5.0                | µg/L         | 98.3              | 61.3-125                   |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                        | 05/23/2014           | 06/03/2014           | 5.0                | µg/L         | 98.3              | 61.3-125                   |
| OXY Chlorinated Hyd.                                 |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                              | 05/21/2014           | 06/02/2014           | 8.0                | µg/L         | 69.4              | 58.6-99.8                  |
| OXY GC/MS Acids                                      |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/22/2014           | 06/03/2014           | 150                | µg/L         | 31.8              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                       | 05/22/2014           | 06/03/2014           | 150                | µg/L         | 48.7              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                                 | 05/22/2014           | 06/03/2014           | 150                | µg/L         | 84.3              | 56.7-128                   |
| OXY Volatiles by 8260                                |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                                |                      | 05/21/2014           | 10                 | µg/L         | 103               | 74.9-126                   |
| TOLUENE-d8   |                      | 05/21/2014           | 10                 | µg/L         | 98.9              | 90.5-117                   |
| <b>Lab Number: 14051493</b>                          |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05192014-JR-MW29S3</b>     |                      |                      |                    |              |                   |                            |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                        | 05/23/2014           | 06/06/2014           | 5.0                | µg/L         | 86.3              | 61.3-125                   |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                        | 05/23/2014           | 06/04/2014           | 5.0                | µg/L         | 103               | 61.3-125                   |
| OXY Chlorinated Hyd.                                 |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                              | 05/21/2014           | 06/02/2014           | 8.0                | µg/L         | MO SI             | 58.6-99.8                  |
| OXY GC/MS Acids                                      |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/22/2014           | 06/04/2014           | 150                | µg/L         | 35.5              | 22.3-43.0                  |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/20/2014  
 Continental File No: 7775  
 Continental Order No: 118747

| <b>Surrogate</b>                                     | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|--|----------------------|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14051493</b>                          |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05192014-JR-MW29S3</b>     |                      |                      |                    |              |                   |                            |
| OXY GC/MS Acids                                      |                      |                      |                    |              |                   |                            |
| 2-FLUOROPHENOL                                       | 05/22/2014           | 06/04/2014           | 150                | µg/L         | 56.5              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                                 | 05/22/2014           | 06/04/2014           | 150                | µg/L         | 95.6              | 56.7-128                   |
| OXY Volatiles by 8260                                |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                                |                      | 05/21/2014           | 100                | µg/L         | 111               | 74.9-126                   |
| TOLUENE-d8   |                      | 05/21/2014           | 100                | µg/L         | 97.2              | 90.5-117                   |
| <b>Lab Number: 14051494</b>                          |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05192014-JR-MW29S1</b>     |                      |                      |                    |              |                   |                            |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                        | 05/23/2014           | 06/03/2014           | 5.0                | µg/L         | 108               | 61.3-125                   |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                        | 05/23/2014           | 06/03/2014           | 5.0                | µg/L         | 108               | 61.3-125                   |
| OXY Chlorinated Hyd.                                 |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                              | 05/21/2014           | 06/02/2014           | 8.0                | µg/L         | 76.3              | 58.6-99.8                  |
| OXY GC/MS Acids                                      |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/22/2014           | 06/04/2014           | 150                | µg/L         | 34.0              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                       | 05/22/2014           | 06/04/2014           | 150                | µg/L         | 52.5              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                                 | 05/22/2014           | 06/04/2014           | 150                | µg/L         | 92.9              | 56.7-128                   |
| OXY Volatiles by 8260                                |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                                |                      | 05/21/2014           | 10                 | µg/L         | 108               | 74.9-126                   |
| TOLUENE-d8   |                      | 05/21/2014           | 10                 | µg/L         | 95.7              | 90.5-117                   |
| <b>Lab Number: 14051495</b>                          |                      |                      |                    |              |                   |                            |
| <b>Sample Description: WG-05192014-JR-MW140S2/S3</b> |                      |                      |                    |              |                   |                            |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                        | 05/23/2014           | 06/03/2014           | 5.0                | µg/L         | 104               | 61.3-125                   |
| Herbicides   |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                        | 05/23/2014           | 06/03/2014           | 5.0                | µg/L         | 104               | 61.3-125                   |
| OXY Chlorinated Hyd.                                 |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                              | 05/21/2014           | 06/03/2014           | 8.0                | µg/L         | 79.7              | 58.6-99.8                  |
| OXY GC/MS Acids                                      |                      |                      |                    |              |                   |                            |
| PHENOL-d6  | 05/22/2014           | 06/04/2014           | 150                | µg/L         | 32.7              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                       | 05/22/2014           | 06/04/2014           | 150                | µg/L         | 52.3              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                                 | 05/22/2014           | 06/04/2014           | 150                | µg/L         | 89.5              | 56.7-128                   |
| OXY Volatiles by 8260                                |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                                |                      | 05/21/2014           | 400                | µg/L         | 105               | 74.9-126                   |
| TOLUENE-d8   |                      | 05/21/2014           | 400                | µg/L         | 98.0              | 90.5-117                   |
| <b>Lab Number: 14051496</b>                          |                      |                      |                    |              |                   |                            |
| <b>Sample Description: TB-05202014-JR</b>            |                      |                      |                    |              |                   |                            |
| OXY Volatiles by 8260                                |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                                |                      | 05/21/2014           | 10                 | µg/L         | 107               | 74.9-126                   |
| TOLUENE-d8   |                      | 05/21/2014           | 10                 | µg/L         | 96.2              | 90.5-117                   |

Data Qualifiers:

SI - One or more surrogate recoveries for this analysis were not within the method or laboratory control limits. The sample result(s) or reporting limit(s) for this analysis are estimated due to sample heterogeneity and/or sample matrix interferences.

**Quality Control Report**  
**Continuing Calibration Report**

Page: 23

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/23/2014  
 Date Received: 05/20/2014  
 Continental File No: 7775  
 Continental Order No: 118747

| <u>Analysis</u>                | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u>                          | <u>Amount Detected</u> | <u>Units</u> | <u>Percent Recovery</u> |
|--------------------------------|-------------------------|----------------------------|--|------------------------|--------------|-------------------------|
| 2,4-Dichlorophenoxyacetic Acid | 06/03/2014              | 2NX5154                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 06/04/2014              | 3NX5154                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 06/06/2014              | 1NX5157                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 06/06/2014              | 2NX5157                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 06/03/2014              | 2NX5154                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 06/04/2014              | 3NX5154                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 06/02/2014              | 1EX3153                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 06/03/2014              | 2EX3153                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/30/2014              | 5IC1150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/31/2014              | 6IC1150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 06/03/2014              | 1IC1154                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 06/03/2014              | 2IC1154                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Hardness (Calculated)          | 05/23/2014              | 11IP4142                   | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Hardness (Calculated)          | 05/23/2014              | 12IP4142                   | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY GC/MS Acids                | 06/03/2014              |                            | CCV recovery acceptable except as qualified below. |                        |              |                         |
| 2,3,4,5-Tetrachlorophenol      | 06/03/2014              | 1MS6154                    | 100  | 104                    | µg/ml        | 104 CE                  |

Samples associated with this Continuing Calibration Verification:

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14051490                 | 1MS6154                 | WG-05192014-AK-AMW105D    |
| 14051491                 | 1MS6154                 | WG-05192014-AK-AMW105S    |
| 14051492                 | 1MS6154                 | WG-05192014-AK-MW136S2/S3 |

| <u>Analysis</u>           | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u>                          | <u>Amount Detected</u> | <u>Units</u> | <u>Percent Recovery</u> |
|---------------------------|-------------------------|----------------------------|--|------------------------|--------------|-------------------------|
| OXY GC/MS Acids           | 06/04/2014              |                            | CCV recovery acceptable except as qualified below. |                        |              |                         |
| 2,3,4,5-Tetrachlorophenol | 06/04/2014              | 1MS6155                    | 100  | 89.3                   | µg/ml        | 89.3 CE                 |

Samples associated with this Continuing Calibration Verification:

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14051493                 | 1MS6155                 | WG-05192014-JR-MW29S3     |
| 14051494                 | 1MS6155                 | WG-05192014-JR-MW29S1     |
| 14051495                 | 1MS6155                 | WG-05192014-JR-MW140S2/S3 |

| <u>Analysis</u>       | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u>                          | <u>Amount Detected</u> | <u>Units</u> | <u>Percent Recovery</u> |
|-----------------------|-------------------------|----------------------------|--|------------------------|--------------|-------------------------|
| OXY Volatiles by 8260 | 05/21/2014              | 1MS9141                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |

Data Qualifiers:

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

- Laboratory Report Conclusion -



**CONESTOGA-ROVERS  
& ASSOCIATES**

SSOW #201-400-DQD-3100

# CHAIN OF CUSTODY RECORD

GAS ORDER NO. 18742  
COC NO.: 38269

PAGE 1 OF 1

Address: 8615 W. BRYN MAIR AVE, CHICAGO, IL 60631

Phone: (773) 380-9933

Fax:

Report EDD 06/10/14

(See Reverse Side for Instructions)

|   |                           |          |   |                      |                      |                                      |                                 |   |   |                           |                       |                            |                         |      |        |                              |             |
|---|---------------------------|----------|---|----------------------|----------------------|--------------------------------------|---------------------------------|---|---|---------------------------|-----------------------|----------------------------|-------------------------|------|--------|------------------------------|-------------|
| Project No/Phase/Task Code:<br><b>054040 - 042407</b>   |                           |          | Laboratory Name:<br><b>CONTINENTAL ANALYTICAL</b> |                      |                      | Lab Location:<br><b>SALINA, KS</b>   |                                 |   | SSOW ID:  |                           |                       |                            |                         |      |        |                              |             |
| Project Name:<br><b>OCC WICHITA</b>   |                           |          | Lab Contact:<br><b>CLIFF BAKER</b>                |                      |                      | Lab Quote No:                        |                                 |   | Cooler No:  |                           |                       |                            |                         |      |        |                              |             |
| Project Location:<br><b>WICHITA, KANSAS</b>   |                           |          | SAMPLE TYPE                                       |                      |                      | CONTAINER QUANTITY & PRESERVATION    |                                 |   | ANALYSIS REQUESTED<br>(See Back of COC for Definitions) |                           |                       | Carrier:<br><b>COURIER</b> |                         |      |        |                              |             |
| Chemistry Contact:<br><b>PAUL McMAHON</b>   |                           |          | Matrix Code<br>(see back of COC)                  | Grab (G) or Comp (C) | Unpreserved          | Hydrochloric Acid (HCl)              | Nitric Acid (HNO <sub>3</sub> ) | Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ) | Sodium Hydroxide (NaOH)                                 | Methanol/Water (Soil VOC) | EnCores 3x5-g, 1x25-g | Other:                     | Total Containers/Sample | VOCs | S/VOCs | PERIST/PERGS<br>WITH ADDRESS | Airbill No: |
| Sampler(s):<br><b>A. KELIN, J. RAY</b>  |                           |          |   |                      |                      |                                      |                                 |   |   |                           |                       |                            |                         |      |        | Date Shipped:                |             |
| SAMPLE IDENTIFICATION<br>(Containers for each sample may be combined on one line)   |                           |          | DATE<br>(mm/dd/yy)                                | TIME<br>(hh:mm)      |                      |                                      |                                 |   |   |                           |                       |                            |                         |      |        | MS/MSD Request               |             |
| 1   | WG-05192014-AK-AMW1050    | 05/19/14 | 14:15   | W6                   | 6                    | 5                                    | 3                               |   |   |                           |                       |                            | 8                       | X    | X      | X                            |             |
| 2   | WG-05192014-AK-AMW1055    |          | 14:55   |                      |                      | 5                                    | 3                               |   |   |                           |                       |                            | 8                       | X    | X      | X                            |             |
| 3   | WG-05192014-AK-MW13652/53 |          | 15:45   |                      |                      | 5                                    | 3                               |   |   |                           |                       |                            | 8                       | X    | X      | X                            |             |
| 4   | WG-05192014-JR-MW2953     |          | 14:00   |                      |                      | 5                                    | 3                               |   |   |                           |                       |                            | 8                       | X    | X      | X                            |             |
| 5   | WG-05192014-JR-MW2951     |          | 14:50   |                      |                      | 5                                    | 3                               |   |   |                           |                       |                            | 8                       | X    | X      | X                            |             |
| 6   | WG-05192014-JR-MW14052/53 | 5/20/14  | 15:45   |                      |                      | 5                                    | 3                               |   |   |                           |                       |                            | 8                       | X    | X      | X                            |             |
| 7   | TB-05202014-JR-           |          | 12:00   |                      |                      | 3                                    |                                 |   |   |                           |                       |                            | 3                       | X    |        |                              |             |
| 8   |                           |          |   |                      |                      |                                      |                                 |   |   |                           |                       |                            |                         |      |        |                              |             |
| 9   |                           |          |   |                      |                      |                                      |                                 |   |   |                           |                       |                            |                         |      |        |                              |             |
| 10  |                           |          |   |                      |                      |                                      |                                 |   |   |                           |                       |                            |                         |      |        |                              |             |
| 11  |                           |          |   |                      |                      |                                      |                                 |   |   |                           |                       |                            |                         |      |        |                              |             |
| 12  |                           |          |   |                      |                      |                                      |                                 |   |   |                           |                       |                            |                         |      |        |                              |             |
| 13  |                           |          |   |                      |                      |                                      |                                 |   |   |                           |                       |                            |                         |      |        |                              |             |
| 14  |                           |          |   |                      |                      |                                      |                                 |   |   |                           |                       |                            |                         |      |        |                              |             |
| 15  |                           |          |   |                      |                      |                                      |                                 |   |   |                           |                       |                            |                         |      |        |                              |             |
| TAT Required in business days (use separate COCs for different TATs):   |                           |          |   |                      |                      | Total Number of Containers: 51       |                                 |   | Notes/ Special Requirements:                            |                           |                       |                            |                         |      |        |                              |             |
| <input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Days <input checked="" type="checkbox"/> 3 Days <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week <input type="checkbox"/> Other: |                           |          |   |                      |                      | All Samples in Cooler must be on COC |                                 |   |   |                           |                       |                            |                         |      |        |                              |             |
| RELINQUISHED BY   |                           | COMPANY  | DATE  | TIME                 | RECEIVED BY          | COMPANY                              | DATE                            | TIME  |   |                           |                       |                            |                         |      |        |                              |             |
| 1. <i>John D. Green</i>   |                           | CRA      | 5/20/14   | 12:05                | <i>John D. Green</i> | CAS                                  | 5/20/14                         | 12:16   |   |                           |                       |                            |                         |      |        |                              |             |
| 2. <i>John D. Green</i>   |                           | CRA      | 5/20/14   | 13:37                | <i>John D. Green</i> | CAS                                  | 5/20/14                         | 13:37   |   |                           |                       |                            |                         |      |        |                              |             |
| 3.  |                           |          |   |                      | 3.                   |                                      |                                 |   |   |                           |                       |                            |                         |      |        |                              |             |

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT - ALL FIELDS MUST BE COMPLETED ACCURATELY

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

118747

Client Name: OXY

CAS File No.:

7775

Sample ID's in cooler: 511-loc

2951, 2953

Cooler 1 of 3 for this CAS Order No.

Cooler Identification: CAS Cooler #: 1640 / Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: 5/20/14 13:37

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: COS

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice / Melted Ice Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 2.0 Corrected Reading (°C) 2.0

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
  - Cover Letter
  - Container
  - PO
  - CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
 [Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: tmr

Date Completed: 5-20-14

Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )

CAS Order No.:

118747

Client Name: OXY

CAS File No.:

7225

Sample ID's in cooler: SEC-LOC

VOC 40253

Cooler 2 of 3 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3958 / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 5/20/14 13:37

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: CDC

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice / Melted Ice Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 0.7 Corrected Reading (°C) 1.3

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 58 Thermo. Correction Factor (°C): 0.1

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
  - Cover Letter  Container
  - PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: mwr Date Completed: 5-20-14

Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )

CAS Order No.:

11847

Client Name: OXY

CAS File No.: 7725

Sample ID's in cooler: 5116, 105D, 105S, 176S2, 177

Cooler 3 of 3 for this CAS Order No.

Cooler Identification: CAS Cooler #: 4006 / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 5/20/14 13:37

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In Other: CDC

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice / Melted Ice Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 0.7 Corrected Reading (°C) 1.4

Temperature, By: Temperature Blank Surface Temperature

Thermo. ID No.: ✓ 81 Thermo. Correction Factor (°C): 0.0

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
  - Cover Letter  Container
  - PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: tawr Date Completed: 5-20-14

06/12/2014

Page: 1

Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date and Time Received: 05/22/2014 1650  
 Continental File No.: 7775  
 Continental Order No.: 118842  
 Project ID: 054046/042407  
 Purchase Auth: GSH00009; CRA#42407

Dear Ms. Blair:

This laboratory report, containing the samples indicated below, includes 97 pages for the analytical report, 3 page(s) for the chain of custody and/or analysis request, and 16 page(s) for the sample receipt form.

| <u>CAS LAB ID #</u> | <u>SAMPLE DESCRIPTION</u> | <u>SAMPLE TYPE</u> | <u>DATE SAMPLED</u> |
|---------------------|---------------------------|--------------------|---------------------|
| 14051844            | WG-05202014-JR-MW22S2     | Liquid             | 5/20/2014           |
| 14051845            | WG-05202014-JR-FD6        | Liquid             | 5/20/2014           |
| 14051846            | WG-05202014-JR-MW19S1     | Liquid             | 5/20/2014           |
| 14051847            | WG-05212014-JR-MW05S3     | Liquid             | 5/21/2014           |
| 14051848            | WG-05212014-JR-MW19S2     | Liquid             | 5/21/2014           |
| 14051848R           | WG-05212014-JR-MW19S2     | Liquid             | 5/21/2014           |
| 14051849            | WG-05212014-JR-MW18S1     | Liquid             | 5/21/2014           |
| 14051849R           | WG-05212014-JR-MW18S1     | Liquid             | 5/21/2014           |
| 14051850            | WG-05212014-JR-MW18S3     | Liquid             | 5/21/2014           |
| 14051851            | WG-05212014-JR-MW19S4     | Liquid             | 5/21/2014           |
| 14051851R           | WG-05212014-JR-MW19S4     | Liquid             | 5/21/2014           |
| 14051852            | WG-05202014-AK-AMW104     | Liquid             | 5/20/2014           |
| 14051853            | WG-05202014-AK-AMW3       | Liquid             | 5/20/2014           |
| 14051854            | WG-05202014-AK-MW15S2     | Liquid             | 5/20/2014           |
| 14051855            | WG-05202014-AK-MW12S1A    | Liquid             | 5/20/2014           |
| 14051856            | WG-05212014-AK-AMW108S    | Liquid             | 5/21/2014           |
| 14051857            | WG-05212014-AK-AMW108D    | Liquid             | 5/21/2014           |
| 14051858            | WG-05212014-AK-AMW101I    | Liquid             | 5/21/2014           |
| 14051859            | WG-05212014-AK-AMW101S    | Liquid             | 5/21/2014           |
| 14051860            | WG-05222014-AK-AMW102S    | Liquid             | 5/22/2014           |
| 14051861            | WG-05222014-JR-MW12S3     | Liquid             | 5/22/2014           |
| 14051862            | TB-05222014-AK            | Liquid             | 5/22/2014           |
| 14051863            | WG-05222014-JR-IW40       | Liquid             | 5/22/2014           |
| 14051864            | WG-05222014-JR-IW43       | Liquid             | 5/22/2014           |
| 14051865            | WG-05222014-JR-IW44       | Liquid             | 5/22/2014           |
| 14051866            | WG-05222014-JR-IW45       | Liquid             | 5/22/2014           |
| 14051867            | WG-05222014-JR-IW46       | Liquid             | 5/22/2014           |
| 14051868            | WG-05222014-JR-IW32       | Liquid             | 5/22/2014           |
| 14051869            | WG-05222014-JR-IW31       | Liquid             | 5/22/2014           |
| 14051870            | WG-05222014-JR-IW30       | Liquid             | 5/22/2014           |
| 14051870R           | WG-05222014-JR-IW30       | Liquid             | 5/22/2014           |
| 14051871            | WG-05222014-JR-FD7        | Liquid             | 5/22/2014           |
| 14051871R           | WG-05222014-JR-FD7        | Liquid             | 5/22/2014           |



525 N. Eighth St. - Salina, KS 67401  
 785-827-1273 800-535-3076 Fax 785-823-7830  
 KDHE Environmental Laboratory Accreditation No. E-10146



| <u>CAS LAB ID #</u> | <u>SAMPLE DESCRIPTION</u> | <u>SAMPLE TYPE</u> | <u>DATE SAMPLED</u> |
|---------------------|---------------------------|--------------------|---------------------|
| 14051872            | WG-05222014-JR-IW42       | Liquid             | 5/22/2014           |
| 14051873            | WG-05222014-JR-IW29       | Liquid             | 5/22/2014           |
| 14051874            | WG-05222014-JR-IW35B      | Liquid             | 5/22/2014           |
| 14051875            | WG-05222014-JR-IW35A      | Liquid             | 5/22/2014           |
| 14051875R           | WG-05222014-JR-IW35A      | Liquid             | 5/22/2014           |
| 14051876            | WG-05222014-JR-RB1        | Liquid             | 5/22/2014           |

The Appendix and Quality Control sections are integral parts of this laboratory report and may contain important data qualifiers.

All results are reported on a wet weight basis unless otherwise stated.

Samples will be retained for thirty days unless Continental is otherwise notified.

Continental is accredited by the State of Kansas through the National Environmental Laboratory Accreditation Program (NELAP). The results contained in this report were obtained using Continental's Standard Operating Procedures. These procedures are in substantial compliance with the approved methods referenced and the standards published by NELAP unless otherwise noted in the Appendix and Quality Control sections of this report.

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Thank you for choosing Continental for this project.

CONTINENTAL ANALYTICAL SERVICES, INC.

Clifford J. Baker  
Technical Manager



525 N. Eighth St. - Salina, KS 67401  
785-827-1273 800-535-3076 Fax 785-823-7830  
KDHE Environmental Laboratory Accreditation No. E-10146



## Sample Results

Page: 3

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051844

Date Sampled: 05/20/2014  
 Time Sampled: 1125

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/27          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/27          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | 0.026 B              | µg/L                      | 7409/30          |
| B-BHC                          | 0.113                | µg/L                      | 7409/30          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/30          |
| Hexachloroethane               | 1.05                 | µg/L                      | 7409/30          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/30          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/30          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/30          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/348         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/348         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/348         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/348         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/348         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/348         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/348         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/348         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/348         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(50)               | µg/L                      | 7350/189         |
| 1,2-Dichloroethane             | ND(50)               | µg/L                      | 7350/189         |
| Benzene                        | ND(50)               | µg/L                      | 7350/189         |
| Carbon tetrachloride           | 3730                 | µg/L                      | 7350/189         |
| Chloroform                     | 110                  | µg/L                      | 7350/189         |
| Chloromethane                  | ND(50)               | µg/L                      | 7350/189         |
| Methylene chloride             | ND(50)               | µg/L                      | 7350/189         |
| Tetrachloroethylene            | ND(50)               | µg/L                      | 7350/189         |
| Trichloroethylene              | ND(50)               | µg/L                      | 7350/189         |
| Vinyl chloride                 | ND(50)               | µg/L                      | 7350/189         |
| 1,2-Dichloropropane            | ND(50)               | µg/L                      | 7350/189         |
| Hardness (Calculated)          | 524                  | mg/L as CaCO <sub>3</sub> | 7157/898         |
| Chloride                       | 520                  | mg/L                      | 7276/289         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/23/14 0700             | 06/04/14 0238             | 140523-1        | 3NX5154            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

Page: 4

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/23/14 0700             | 06/04/14 0238             | 140523-1        | 3NX5154            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/23/14 0925             | 06/05/14 0136             | 140523-2        | 2EX3155            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/27/14 0930             | 06/04/14 1533             | 140527-1        | 1MS6155            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/29/14 1436             | 1MS9149         | 1MS9149            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0812             | 06/05/14 1749             | 140528-4        | 6IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/03/14 1853             | IIC1154         | 2IC1154            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051844

## Sample Results

Page: 5

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051845  
 Sample Description: WG-05202014-JR-FD6

Date Sampled: 05/20/2014  
 Time Sampled: 0000

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/27          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/27          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | 0.024 B              | µg/L                      | 7409/30          |
| B-BHC                          | 0.107                | µg/L                      | 7409/30          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/30          |
| Hexachloroethane               | 0.98                 | µg/L                      | 7409/30          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/30          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/30          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/30          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/348         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/348         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/348         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/348         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/348         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/348         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/348         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/348         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/348         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(50)               | µg/L                      | 7350/189         |
| 1,2-Dichloroethane             | ND(50)               | µg/L                      | 7350/189         |
| Benzene                        | ND(50)               | µg/L                      | 7350/189         |
| Carbon tetrachloride           | 4220                 | µg/L                      | 7350/189         |
| Chloroform                     | 130                  | µg/L                      | 7350/189         |
| Chloromethane                  | ND(50)               | µg/L                      | 7350/189         |
| Methylene chloride             | ND(50)               | µg/L                      | 7350/189         |
| Tetrachloroethylene            | ND(50)               | µg/L                      | 7350/189         |
| Trichloroethylene              | ND(50)               | µg/L                      | 7350/189         |
| Vinyl chloride                 | ND(50)               | µg/L                      | 7350/189         |
| 1,2-Dichloropropane            | ND(50)               | µg/L                      | 7350/189         |
| Hardness (Calculated)          | 520.                 | mg/L as CaCO <sub>3</sub> | 7157/898         |
| Chloride                       | 538                  | mg/L                      | 7276/289         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/23/14 0700             | 06/04/14 0318             | 140523-1        | 3NX5154            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

Page: 6

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/23/14 0700             | 06/04/14 0318             | 140523-1        | 3NX5154            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/23/14 0925             | 06/05/14 0218             | 140523-2        | 2EX3155            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/27/14 0930             | 06/04/14 1618             | 140527-1        | 1MS6155            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/29/14 1500             | 1MS9149         | 1MS9149            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0900             | 06/05/14 1947             | 140528-5        | 8IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/03/14 1905             | IIC1154         | 2IC1154            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051845

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## Sample Results

Page: 7

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051846  
 Sample Description: WG-05202014-JR-MW19S1

Date Sampled: 05/20/2014  
 Time Sampled: 1650

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | 3.6                  | µg/L                      | 7411/29          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/27          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.22)             | µg/L                      | 7409/30          |
| B-BHC                          | ND(0.74)             | µg/L                      | 7409/30          |
| G-BHC                          | ND(1.0)              | µg/L                      | 7409/30          |
| Hexachloroethane               | 36.5                 | µg/L                      | 7409/30          |
| Hexachlorobutadiene            | 48.4                 | µg/L                      | 7409/30          |
| Hexachlorobenzene              | ND(2.0)              | µg/L                      | 7409/30          |
| D-BHC                          | ND(1)                | µg/L                      | 7409/30          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/348         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/348         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/348         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/348         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/348         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/348         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/348         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/348         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/348         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(2)                | µg/L                      | 7350/189         |
| 1,2-Dichloroethane             | ND(2)                | µg/L                      | 7350/189         |
| Benzene                        | ND(2)                | µg/L                      | 7350/189         |
| Carbon tetrachloride           | 62.6                 | µg/L                      | 7350/189         |
| Chloroform                     | 30.                  | µg/L                      | 7350/189         |
| Chloromethane                  | ND(2)                | µg/L                      | 7350/189         |
| Methylene chloride             | ND(2)                | µg/L                      | 7350/189         |
| Tetrachloroethylene            | 287                  | µg/L                      | 7350/189         |
| Trichloroethylene              | 3                    | µg/L                      | 7350/189         |
| Vinyl chloride                 | ND(2)                | µg/L                      | 7350/189         |
| 1,2-Dichloropropane            | ND(2)                | µg/L                      | 7350/189         |
| Hardness (Calculated)          | 650.                 | mg/L as CaCO <sub>3</sub> | 7157/898         |
| Chloride                       | 958                  | mg/L                      | 7276/289         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/23/14 0700             | 06/06/14 2016             | 140523-1        | 1NX5157            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

Page: 8

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/23/14 0700             | 06/04/14 0357             | 140523-1        | 3NX5154            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/23/14 0925             | 06/05/14 0259             | 140523-2        | 2EX3155            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/27/14 0930             | 06/04/14 1703             | 140527-1        | 1MS6155            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/29/14 1525             | 1MS9149         | 1MS9149            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0812             | 06/05/14 1754             | 140528-4        | 6IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/03/14 1917             | IIC1154         | 2IC1154            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051846

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## Sample Results

Page: 9

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051847  
 Sample Description: WG-05212014-JR-MW05S3

Date Sampled: 05/21/2014  
 Time Sampled: 0920

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/29          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/29          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/31          |
| B-BHC                          | 0.072                | µg/L                      | 7409/31          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/31          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/31          |
| Hexachlorobutadiene            | 0.03                 | µg/L                      | 7409/31          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/31          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/31          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/348         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/348         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/348         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/348         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/348         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/348         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/348         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/348         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/348         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7350/189         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7350/189         |
| Benzene                        | ND(0.5)              | µg/L                      | 7350/189         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7350/189         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7350/189         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7350/189         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7350/189         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7350/189         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7350/189         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7350/189         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7350/189         |
| Hardness (Calculated)          | 200.                 | mg/L as CaCO <sub>3</sub> | 7157/898         |
| Chloride                       | 69                   | mg/L                      | 7276/289         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/28/14 1200             | 06/06/14 2252             | 140528-1        | 1NX5157            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

Page: 10

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/28/14 1200             | 06/06/14 2252             | 140528-1        | 1NX5157            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/27/14 1500             | 06/06/14 0150             | 140527-2        | 2EX3156            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/27/14 0930             | 06/04/14 1748             | 140527-1        | 1MS6155            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/29/14 1550             | 1MS9149         | 1MS9149            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0900             | 06/05/14 1951             | 140528-5        | 8IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/03/14 1929             | IIC1154         | 2IC1154            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051847

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051848  
 Sample Description: WG-05212014-JR-MW19S2

Date Sampled: 05/21/2014  
 Time Sampled: 1035

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | 1900 QC                   | µg/L                      | 7411/29          |                    |                |                  |
| Pentachlorophenol              | 12 FC SR                  | µg/L                      | 7411/30          |                    |                |                  |
| OXY Chlorinated Hyd.           | QC                        |                           |                  |                    |                |                  |
| A-BHC                          | 3.3                       | µg/L                      | 7409/31          |                    |                |                  |
| B-BHC                          | 22.8                      | µg/L                      | 7409/31          |                    |                |                  |
| G-BHC                          | ND(10)                    | µg/L                      | 7409/31          |                    |                |                  |
| Hexachloroethane               | 265                       | µg/L                      | 7409/31          |                    |                |                  |
| Hexachlorobutadiene            | 308                       | µg/L                      | 7409/31          |                    |                |                  |
| Hexachlorobenzene              | 607                       | µg/L                      | 7409/31          |                    |                |                  |
| D-BHC                          | ND(10)                    | µg/L                      | 7409/31          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | 35.2                      | µg/L                      | 7326/348         |                    |                |                  |
| 3-& 4-Chlorophenol             | 28.2                      | µg/L                      | 7326/348         |                    |                |                  |
| 2,4-Dichlorophenol             | OC                        | µg/L                      | 7326/348         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/348         |                    |                |                  |
| 2,6-Dichlorophenol             | 103                       | µg/L                      | 7326/348         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/348         |                    |                |                  |
| 2,4,6-Trichlorophenol          | OC                        | µg/L                      | 7326/348         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/348         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | 9.8                       | µg/L                      | 7326/348         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(50)                    | µg/L                      | 7350/189         |                    |                |                  |
| 1,2-Dichloroethane             | ND(50)                    | µg/L                      | 7350/189         |                    |                |                  |
| Benzene                        | 90                        | µg/L                      | 7350/189         |                    |                |                  |
| Carbon tetrachloride           | 2490                      | µg/L                      | 7350/189         |                    |                |                  |
| Chloroform                     | 5360                      | µg/L                      | 7350/189         |                    |                |                  |
| Chloromethane                  | ND(50)                    | µg/L                      | 7350/189         |                    |                |                  |
| Methylene chloride             | 150                       | µg/L                      | 7350/189         |                    |                |                  |
| Tetrachloroethylene            | 5430                      | µg/L                      | 7350/189         |                    |                |                  |
| Trichloroethylene              | 760                       | µg/L                      | 7350/189         |                    |                |                  |
| Vinyl chloride                 | ND(50)                    | µg/L                      | 7350/189         |                    |                |                  |
| 1,2-Dichloropropane            | ND(50)                    | µg/L                      | 7350/189         |                    |                |                  |
| Hardness (Calculated)          | 4130                      | mg/L as CaCO <sub>3</sub> | 7157/894         |                    |                |                  |
| Chloride                       | 8830                      | mg/L                      | 7276/289         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/28/14 1200             | 06/07/14 0010             | 140528-1         | 2NX5157            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/28/14 1200             | 06/09/14 1431             | 140528-1        | 1NX5160            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/27/14 1500             | 06/06/14 0231             | 140527-2        | 2EX3156            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/27/14 0930             | 06/04/14 1832             | 140527-1        | 1MS6155            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/29/14 1615             | 1MS9149         | 1MS9149            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0900             | 06/10/14 1733             | 140528-5        | 8IP4161            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/03/14 1942             | IIC1154         | 2IC1154            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051848

## Sample Results

Page: 13

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

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Lab Number: 14051848R  
Sample Description: WG-05212014-JR-MW19S2

Date Sampled: 05/21/2014  
Time Sampled: 1035

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

| <u>Analysis</u>           | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|---------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| OXY GC/MS Acids           |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol            | ND(50)                    | µg/L                      | 7326/351         |                    |                |                  |
| 3-& 4-Chlorophenol        | ND(50)                    | µg/L                      | 7326/351         |                    |                |                  |
| 2,4-Dichlorophenol        | 369                       | µg/L                      | 7326/351         |                    |                |                  |
| 2,5-Dichlorophenol        | ND(50)                    | µg/L                      | 7326/351         |                    |                |                  |
| 2,6-Dichlorophenol        | 111                       | µg/L                      | 7326/351         |                    |                |                  |
| 2,4,5-Trichlorophenol     | ND(50)                    | µg/L                      | 7326/351         |                    |                |                  |
| 2,4,6-Trichlorophenol     | 521                       | µg/L                      | 7326/351         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol | ND(50) CE                 | µg/L                      | 7326/351         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol | ND(50)                    | µg/L                      | 7326/351         |                    |                |                  |
| <u>Analysis</u>           | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| OXY GC/MS Acids           | 05/27/14 0930             | 06/05/14 0921             | 140527-1         | 1MS6156            | BLP            | 8270C            |
| Acid Preparation Method   |                           |                           |                  |                    |                | 625/3510C        |

Conclusion of Lab Number: 14051848R

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## Sample Results

Page: 14

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051849  
 Sample Description: WG-05212014-JR-MW18S1

Date Sampled: 05/21/2014  
 Time Sampled: 1330

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | 13                   | µg/L                      | 7411/30          |
| Pentachlorophenol              | 440 QC               | µg/L                      | 7411/30          |
| OXY Chlorinated Hyd.           | SR                   |                           |                  |
| A-BHC                          | 7.93                 | µg/L                      | 7409/31          |
| B-BHC                          | 4.52 E               | µg/L                      | 7409/31          |
| G-BHC                          | 1.96 E               | µg/L                      | 7409/31          |
| Hexachloroethane               | OC                   | µg/L                      | 7409/31          |
| Hexachlorobutadiene            | OC                   | µg/L                      | 7409/31          |
| Hexachlorobenzene              | 20.0                 | µg/L                      | 7409/31          |
| D-BHC                          | 2.7                  | µg/L                      | 7409/31          |
| OXY GC/MS Acids                | SR                   |                           |                  |
| 2-Chlorophenol                 | 8.6                  | µg/L                      | 7326/353         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,4-Dichlorophenol             | 38.2                 | µg/L                      | 7326/353         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,6-Dichlorophenol             | 13.9                 | µg/L                      | 7326/353         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/353         |
| 2,4,6-Trichlorophenol          | 153                  | µg/L                      | 7326/353         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/353         |
| 2,3,4,6-Tetrachlorophenol      | 135                  | µg/L                      | 7326/353         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | 1000                 | µg/L                      | 7350/189         |
| 1,2-Dichloroethane             | ND(1000)             | µg/L                      | 7350/189         |
| Benzene                        | ND(1000)             | µg/L                      | 7350/189         |
| Carbon tetrachloride           | 160000               | µg/L                      | 7350/189         |
| Chloroform                     | 75200                | µg/L                      | 7350/189         |
| Chloromethane                  | ND(1000)             | µg/L                      | 7350/189         |
| Methylene chloride             | 2000                 | µg/L                      | 7350/189         |
| Tetrachloroethylene            | 42900                | µg/L                      | 7350/189         |
| Trichloroethylene              | 1000                 | µg/L                      | 7350/189         |
| Vinyl chloride                 | ND(1000)             | µg/L                      | 7350/189         |
| 1,2-Dichloropropane            | ND(1000)             | µg/L                      | 7350/189         |
| Hardness (Calculated)          | 757                  | mg/L as CaCO <sub>3</sub> | 7157/898         |
| Chloride                       | 897                  | mg/L                      | 7276/289         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/28/14 1200             | 06/10/14 0412             | 140528-1        | 3NX5160            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

Page: 15

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/28/14 1200             | 06/10/14 0333             | 140528-1        | 3NX5160            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/27/14 1500             | 06/06/14 0313             | 140527-2        | 2EX3156            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/27/14 0930             | 06/06/14 2052             | 140527-1        | 1MS6157            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/29/14 1640             | 1MS9149         | 1MS9149            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0812             | 06/05/14 1758             | 140528-4        | 6IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/03/14 1954             | IIC1154         | 2IC1154            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051849

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## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

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Lab Number: 14051849R  
Sample Description: WG-05212014-JR-MW18S1

Date Sampled: 05/21/2014  
Time Sampled: 1330

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

| <u>Analysis</u>                             | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|---|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| OXY Chlorinated Hyd.                        | QC                        |                           |                  |                    |                |                  |
| A-BHC                                       | 5.4                       | µg/L                      | 7409/32          |                    |                |                  |
| B-BHC                                       | ND(7.4)                   | µg/L                      | 7409/32          |                    |                |                  |
| G-BHC                                       | ND(10)                    | µg/L                      | 7409/32          |                    |                |                  |
| Hexachloroethane                            | 855                       | µg/L                      | 7409/32          |                    |                |                  |
| Hexachlorobutadiene                         | 150                       | µg/L                      | 7409/32          |                    |                |                  |
| Hexachlorobenzene                           | ND(20)                    | µg/L                      | 7409/32          |                    |                |                  |
| D-BHC                                       | ND(10)                    | µg/L                      | 7409/32          |                    |                |                  |
| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| OXY Chlorinated Hyd.                        | 05/27/14 1500             | 06/06/14 1809             | 140527-2         | 1EX3157            | JMM            | 8121             |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                  |                    |                | 3510C            |

Conclusion of Lab Number: 14051849R

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051850  
 Sample Description: WG-05212014-JR-MW18S3

Date Sampled: 05/21/2014  
 Time Sampled: 1445

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | 3.7                  | µg/L                      | 7411/30          |
| Pentachlorophenol              | 150 QC               | µg/L                      | 7411/30          |
| OXY Chlorinated Hyd.           | QC                   |                           |                  |
| A-BHC                          | 2.8                  | µg/L                      | 7409/32          |
| B-BHC                          | ND(7.4)              | µg/L                      | 7409/32          |
| G-BHC                          | ND(10)               | µg/L                      | 7409/32          |
| Hexachloroethane               | 349                  | µg/L                      | 7409/32          |
| Hexachlorobutadiene            | 97                   | µg/L                      | 7409/32          |
| Hexachlorobenzene              | ND(20)               | µg/L                      | 7409/32          |
| D-BHC                          | ND(10)               | µg/L                      | 7409/32          |
| OXY GC/MS Acids                | SR                   |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/351         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/351         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/351         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/351         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/351         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/351         |
| 2,4,6-Trichlorophenol          | 8.4                  | µg/L                      | 7326/351         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/351         |
| 2,3,4,6-Tetrachlorophenol      | 20.2                 | µg/L                      | 7326/351         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(2000)             | µg/L                      | 7350/189         |
| 1,2-Dichloroethane             | ND(2000)             | µg/L                      | 7350/189         |
| Benzene                        | ND(2000)             | µg/L                      | 7350/189         |
| Carbon tetrachloride           | 74300                | µg/L                      | 7350/189         |
| Chloroform                     | 62200                | µg/L                      | 7350/189         |
| Chloromethane                  | ND(2000)             | µg/L                      | 7350/189         |
| Methylene chloride             | ND(2000)             | µg/L                      | 7350/189         |
| Tetrachloroethylene            | 16000                | µg/L                      | 7350/189         |
| Trichloroethylene              | ND(2000)             | µg/L                      | 7350/189         |
| Vinyl chloride                 | ND(2000)             | µg/L                      | 7350/189         |
| 1,2-Dichloropropane            | ND(2000)             | µg/L                      | 7350/189         |
| Hardness (Calculated)          | 459                  | mg/L as CaCO <sub>3</sub> | 7157/898         |
| Chloride                       | 650.                 | mg/L                      | 7276/289         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/28/14 1200             | 06/10/14 0452             | 140528-1        | 3NX5160            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

Page: 18

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/28/14 1200             | 06/09/14 1312             | 140528-1        | 1NX5160            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/27/14 1500             | 06/06/14 1851             | 140527-2        | 1EX3157            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/27/14 0930             | 06/05/14 1050             | 140527-1        | 1MS6156            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/29/14 1705             | 1MS9149         | 1MS9149            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0812             | 06/05/14 1802             | 140528-4        | 6IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/03/14 2006             | IIC1154         | 2IC1154            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051850

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051851  
 Sample Description: WG-05212014-JR-MW19S4

Date Sampled: 05/21/2014  
 Time Sampled: 1510

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(2.0) M SR         | µg/L                      | 7411/30          |
| Pentachlorophenol              | 3.2 SR               | µg/L                      | 7411/30          |
| OXY Chlorinated Hyd.           | SR                   |                           |                  |
| A-BHC                          | 1.13                 | µg/L                      | 7409/31          |
| B-BHC                          | 5.43 E               | µg/L                      | 7409/31          |
| G-BHC                          | 1.93 E               | µg/L                      | 7409/31          |
| Hexachloroethane               | OC                   | µg/L                      | 7409/31          |
| Hexachlorobutadiene            | OC                   | µg/L                      | 7409/31          |
| Hexachlorobenzene              | OC                   | µg/L                      | 7409/31          |
| D-BHC                          | ND(0.5)              | µg/L                      | 7409/31          |
| OXY GC/MS Acids                | QC                   |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/356         |
| 3-& 4-Chlorophenol             | ND(5.0) EI           | µg/L                      | 7326/356         |
| 2,4-Dichlorophenol             | ND(5.0) EI           | µg/L                      | 7326/356         |
| 2,5-Dichlorophenol             | ND(5.0) EI           | µg/L                      | 7326/356         |
| 2,6-Dichlorophenol             | ND(5.0) EI           | µg/L                      | 7326/356         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/356         |
| 2,4,6-Trichlorophenol          | 6.1                  | µg/L                      | 7326/356         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/356         |
| 2,3,4,6-Tetrachlorophenol      | 5.9                  | µg/L                      | 7326/356         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | 1300                 | µg/L                      | 7350/189         |
| 1,2-Dichloroethane             | ND(500)              | µg/L                      | 7350/189         |
| Benzene                        | ND(500)              | µg/L                      | 7350/189         |
| Carbon tetrachloride           | 21000                | µg/L                      | 7350/189         |
| Chloroform                     | 19300                | µg/L                      | 7350/189         |
| Chloromethane                  | ND(500)              | µg/L                      | 7350/189         |
| Methylene chloride             | ND(500)              | µg/L                      | 7350/189         |
| Tetrachloroethylene            | 7900                 | µg/L                      | 7350/189         |
| Trichloroethylene              | 700                  | µg/L                      | 7350/189         |
| Vinyl chloride                 | ND(500)              | µg/L                      | 7350/189         |
| 1,2-Dichloropropane            | ND(500)              | µg/L                      | 7350/189         |
| Hardness (Calculated)          | 1470                 | mg/L as CaCO <sub>3</sub> | 7157/898         |
| Chloride                       | 3140                 | mg/L                      | 7276/289         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/28/14 1200             | 06/09/14 1233             | 140528-1        | 1NX5160            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/28/14 1200             | 06/09/14 1233             | 140528-1        | 1NX5160            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/27/14 1500             | 06/06/14 0437             | 140527-2        | 2EX3156            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/27/14 0930             | 06/10/14 1601             | 140527-1        | 1MS6161            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/29/14 1730             | 1MS9149         | 1MS9149            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0900             | 06/05/14 2000             | 140528-5        | 8IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/03/14 2018             | IIC1154         | 2IC1154            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051851

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

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Lab Number: 14051851R  
Sample Description: WG-05212014-JR-MW19S4

Date Sampled: 05/21/2014  
Time Sampled: 1510

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

| <u>Analysis</u>                             | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|---|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| OXY Chlorinated Hyd.                        | QC                        |                           |                  |                    |                |                  |
| A-BHC                                       | ND(28)                    | µg/L                      | 7409/33          |                    |                |                  |
| B-BHC                                       | ND(93)                    | µg/L                      | 7409/33          |                    |                |                  |
| G-BHC                                       | ND(130)                   | µg/L                      | 7409/33          |                    |                |                  |
| Hexachloroethane                            | 1300                      | µg/L                      | 7409/33          |                    |                |                  |
| Hexachlorobutadiene                         | 6430                      | µg/L                      | 7409/33          |                    |                |                  |
| Hexachlorobenzene                           | ND(250)                   | µg/L                      | 7409/33          |                    |                |                  |
| D-BHC                                       | ND(100)                   | µg/L                      | 7409/33          |                    |                |                  |
| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| OXY Chlorinated Hyd.                        | 05/27/14 1500             | 06/09/14 1217             | 140527-2         | 1EX3160            | SPA            | 8121             |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                  |                    |                | 3510C            |

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Conclusion of Lab Number: 14051851R

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051852

Sample Description: WG-05202014-AK-AMW104

Date Sampled: 05/20/2014  
 Time Sampled: 1115

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/29          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/27          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/30          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/30          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/30          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/30          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/30          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/30          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/30          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0) QC                | µg/L                      | 7326/351         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0) QC                | µg/L                      | 7326/351         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0) QC                | µg/L                      | 7326/351         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/351         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0) QC                | µg/L                      | 7326/351         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0) QC                | µg/L                      | 7326/351         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0) QC                | µg/L                      | 7326/351         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE QC             | µg/L                      | 7326/351         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0) QC                | µg/L                      | 7326/351         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7350/189         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7350/189         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7350/189         |                    |                |                  |
| Carbon tetrachloride           | ND(0.5)                   | µg/L                      | 7350/189         |                    |                |                  |
| Chloroform                     | ND(0.5)                   | µg/L                      | 7350/189         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7350/189         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7350/189         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7350/189         |                    |                |                  |
| Trichloroethylene              | ND(0.5) QC                | µg/L                      | 7350/189         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7350/189         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7350/189         |                    |                |                  |
| Hardness (Calculated)          | 267 QC                    | mg/L as CaCO <sub>3</sub> | 7157/898         |                    |                |                  |
| Chloride                       | 74                        | mg/L                      | 7277/493         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/23/14 0700             | 06/06/14 1818             | 140523-1         | 1NX5157            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/23/14 0700             | 06/04/14 0436             | 140523-1        | 3NX5154            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/23/14 0925             | 06/05/14 0341             | 140523-2        | 2EX3155            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/27/14 0930             | 06/05/14 1134             | 140527-1        | 1MS6156            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/29/14 1754             | 1MS9149         | 1MS9149            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0812             | 06/05/14 1806             | 140528-4        | 6IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/05/14 0021             | 2IC2155         | 6IC2155            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051852

## Sample Results

Page: 24

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051853  
 Sample Description: WG-05202014-AK-AMW3

Date Sampled: 05/20/2014  
 Time Sampled: 1355

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/27          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/27          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/30          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/30          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/30          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/30          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/30          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/30          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/30          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/351         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/351         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/351         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/351         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/351         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/351         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/351         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/351         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/351         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7350/189         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7350/189         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7350/189         |                    |                |                  |
| Carbon tetrachloride           | ND(0.5)                   | µg/L                      | 7350/189         |                    |                |                  |
| Chloroform                     | ND(0.5)                   | µg/L                      | 7350/189         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7350/189         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7350/189         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7350/189         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7350/189         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7350/189         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7350/189         |                    |                |                  |
| Hardness (Calculated)          | 332                       | mg/L as CaCO <sub>3</sub> | 7157/898         |                    |                |                  |
| Chloride                       | 132                       | mg/L                      | 7277/493         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/23/14 0700             | 06/04/14 0633             | 140523-1         | 3NX5154            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/23/14 0700             | 06/04/14 0633             | 140523-1        | 3NX5154            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/23/14 0925             | 06/05/14 0547             | 140523-2        | 2EX3155            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/27/14 0930             | 06/05/14 1347             | 140527-1        | 1MS6156            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/29/14 1909             | 1MS9149         | 1MS9149            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0812             | 06/05/14 1831             | 140528-4        | 7IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/05/14 0105             | 2IC2155         | 6IC2155            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051853

## Sample Results

Page: 26

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051854

Sample Description: WG-05202014-AK-MW15S2

Date Sampled: 05/20/2014  
 Time Sampled: 1505

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/27          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/27          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | 0.011 B                   | µg/L                      | 7409/30          |                    |                |                  |
| B-BHC                          | 0.218                     | µg/L                      | 7409/30          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/30          |                    |                |                  |
| Hexachloroethane               | 0.04                      | µg/L                      | 7409/30          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/30          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/30          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/30          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/351         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/351         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/351         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/351         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/351         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/351         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/351         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/351         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/351         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(10)                    | µg/L                      | 7350/189         |                    |                |                  |
| 1,2-Dichloroethane             | ND(10)                    | µg/L                      | 7350/189         |                    |                |                  |
| Benzene                        | ND(10)                    | µg/L                      | 7350/189         |                    |                |                  |
| Carbon tetrachloride           | 749                       | µg/L                      | 7350/189         |                    |                |                  |
| Chloroform                     | 25                        | µg/L                      | 7350/189         |                    |                |                  |
| Chloromethane                  | ND(10)                    | µg/L                      | 7350/189         |                    |                |                  |
| Methylene chloride             | ND(10)                    | µg/L                      | 7350/189         |                    |                |                  |
| Tetrachloroethylene            | ND(10)                    | µg/L                      | 7350/189         |                    |                |                  |
| Trichloroethylene              | ND(10)                    | µg/L                      | 7350/189         |                    |                |                  |
| Vinyl chloride                 | ND(10)                    | µg/L                      | 7350/189         |                    |                |                  |
| 1,2-Dichloropropane            | ND(10)                    | µg/L                      | 7350/189         |                    |                |                  |
| Hardness (Calculated)          | 497                       | mg/L as CaCO <sub>3</sub> | 7157/898         |                    |                |                  |
| Chloride                       | 522                       | mg/L                      | 7277/493         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/23/14 0700             | 06/04/14 0713             | 140523-1         | 3NX5154            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/23/14 0700             | 06/04/14 0713             | 140523-1        | 3NX5154            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/23/14 0925             | 06/05/14 0629             | 140523-2        | 2EX3155            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/27/14 0930             | 06/05/14 1431             | 140527-1        | 1MS6156            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/29/14 1934             | 1MS9149         | 1MS9149            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0812             | 06/05/14 1835             | 140528-4        | 7IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/05/14 0120             | 2IC2155         | 6IC2155            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051854

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051855

Sample Description: WG-05202014-AK-MW12S1A

Date Sampled: 05/20/2014  
 Time Sampled: 1545

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | 5.0                       | µg/L                      | 7411/27          |                    |                |                  |
| Pentachlorophenol              | 5.1                       | µg/L                      | 7411/27          |                    |                |                  |
| OXY Chlorinated Hyd.           | SR                        |                           |                  |                    |                |                  |
| A-BHC                          | 0.67                      | µg/L                      | 7409/30          |                    |                |                  |
| B-BHC                          | 1.03                      | µg/L                      | 7409/30          |                    |                |                  |
| G-BHC                          | 0.84                      | µg/L                      | 7409/30          |                    |                |                  |
| Hexachloroethane               | 17.2                      | µg/L                      | 7409/30          |                    |                |                  |
| Hexachlorobutadiene            | 7.9                       | µg/L                      | 7409/30          |                    |                |                  |
| Hexachlorobenzene              | ND(1.0)                   | µg/L                      | 7409/30          |                    |                |                  |
| D-BHC                          | 0.6                       | µg/L                      | 7409/30          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | 6.7                       | µg/L                      | 7326/351         |                    |                |                  |
| 3-& 4-Chlorophenol             | 20.7                      | µg/L                      | 7326/351         |                    |                |                  |
| 2,4-Dichlorophenol             | 206                       | µg/L                      | 7326/351         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/351         |                    |                |                  |
| 2,6-Dichlorophenol             | 109                       | µg/L                      | 7326/351         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/351         |                    |                |                  |
| 2,4,6-Trichlorophenol          | 72.7                      | µg/L                      | 7326/351         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/351         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | 9.5                       | µg/L                      | 7326/351         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(500)                   | µg/L                      | 7350/189         |                    |                |                  |
| 1,2-Dichloroethane             | ND(500)                   | µg/L                      | 7350/189         |                    |                |                  |
| Benzene                        | ND(500)                   | µg/L                      | 7350/189         |                    |                |                  |
| Carbon tetrachloride           | 4300                      | µg/L                      | 7350/189         |                    |                |                  |
| Chloroform                     | 13600                     | µg/L                      | 7350/189         |                    |                |                  |
| Chloromethane                  | ND(500)                   | µg/L                      | 7350/189         |                    |                |                  |
| Methylene chloride             | ND(500)                   | µg/L                      | 7350/189         |                    |                |                  |
| Tetrachloroethylene            | 1400                      | µg/L                      | 7350/189         |                    |                |                  |
| Trichloroethylene              | ND(500)                   | µg/L                      | 7350/189         |                    |                |                  |
| Vinyl chloride                 | ND(500)                   | µg/L                      | 7350/189         |                    |                |                  |
| 1,2-Dichloropropane            | ND(500)                   | µg/L                      | 7350/189         |                    |                |                  |
| Hardness (Calculated)          | 589                       | mg/L as CaCO <sub>3</sub> | 7157/898         |                    |                |                  |
| Chloride                       | 1330                      | mg/L                      | 7277/493         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/23/14 0700             | 06/04/14 0915             | 140523-1         | 3NX5154            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/23/14 0700             | 06/04/14 0915             | 140523-1        | 3NX5154            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/23/14 0925             | 06/05/14 0711             | 140523-2        | 2EX3155            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/27/14 0930             | 06/05/14 1516             | 140527-1        | 1MS6156            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/29/14 1958             | 1MS9149         | 1MS9149            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0812             | 06/05/14 1840             | 140528-4        | 7IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/05/14 0135             | 2IC2155         | 6IC2155            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051855

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051856  
 Sample Description: WG-05212014-AK-AMW108S

Date Sampled: 05/21/2014  
 Time Sampled: 1000

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/29          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/29          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/31          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/31          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/31          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/31          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/31          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/31          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/31          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/351         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/351         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/351         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/351         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/351         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/351         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/351         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/351         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/351         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7350/189         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7350/189         |
| Benzene                        | ND(0.5)              | µg/L                      | 7350/189         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7350/189         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7350/189         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7350/189         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7350/189         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7350/189         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7350/189         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7350/189         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7350/189         |
| Hardness (Calculated)          | 341                  | mg/L as CaCO <sub>3</sub> | 7157/898         |
| Chloride                       | 88                   | mg/L                      | 7277/493         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/28/14 1200             | 06/07/14 0246             | 140528-1        | 2NX5157            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/28/14 1200             | 06/07/14 0246             | 140528-1        | 2NX5157            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/27/14 1500             | 06/06/14 0519             | 140527-2        | 2EX3156            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/27/14 0930             | 06/05/14 1600             | 140527-1        | 1MS6156            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/29/14 2023             | 1MS9149         | 1MS9149            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0900             | 06/05/14 2013             | 140528-5        | 9IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/05/14 0234             | 2IC2155         | 7IC2155            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051856

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051857

Sample Description: WG-05212014-AK-AMW108D

Date Sampled: 05/21/2014  
 Time Sampled: 1135

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/29          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/29          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/31          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/31          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/31          |
| Hexachloroethane               | 0.02                 | µg/L                      | 7409/31          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/31          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/31          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/31          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/351         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/351         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/351         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/351         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/351         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/351         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/351         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/351         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/351         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7350/189         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7350/189         |
| Benzene                        | ND(0.5)              | µg/L                      | 7350/189         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7350/189         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7350/189         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7350/189         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7350/189         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7350/189         |
| Trichloroethylene              | 1.3                  | µg/L                      | 7350/189         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7350/189         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7350/189         |
| Hardness (Calculated)          | 364                  | mg/L as CaCO <sub>3</sub> | 7157/898         |
| Chloride                       | 91                   | mg/L                      | 7277/493         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/28/14 1200             | 06/07/14 0326             | 140528-1        | 2NX5157            | JMM            | 8151A(M)         |

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## Sample Results

Page: 33

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/28/14 1200             | 06/07/14 0326             | 140528-1        | 2NX5157            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/27/14 1500             | 06/06/14 0601             | 140527-2        | 2EX3156            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/27/14 0930             | 06/05/14 1645             | 140527-1        | 1MS6156            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/29/14 2048             | 1MS9149         | 1MS9149            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0900             | 06/05/14 2017             | 140528-5        | 9IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/05/14 0249             | 2IC2155         | 7IC2155            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051857

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051858

Sample Description: WG-05212014-AK-AMW10I

Date Sampled: 05/21/2014  
 Time Sampled: 1535

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/29          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/29          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | 0.011 B FC           | µg/L                      | 7409/32          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/32          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/32          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/32          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/32          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/32          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/32          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/351         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/351         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/351         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/351         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/351         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/351         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/351         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/351         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/351         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7350/189         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7350/189         |
| Benzene                        | ND(0.5)              | µg/L                      | 7350/189         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7350/189         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7350/189         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7350/189         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7350/189         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7350/189         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7350/189         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7350/189         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7350/189         |
| Hardness (Calculated)          | 329                  | mg/L as CaCO <sub>3</sub> | 7157/898         |
| Chloride                       | 57                   | mg/L                      | 7277/493         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/28/14 1200             | 06/07/14 0405             | 140528-1        | 2NX5157            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/28/14 1200             | 06/07/14 0405             | 140528-1        | 2NX5157            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/27/14 1500             | 06/06/14 2015             | 140527-2        | 1EX3157            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/27/14 0930             | 06/05/14 1729             | 140527-1        | 1MS6156            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/29/14 2113             | 1MS9149         | 1MS9149            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0900             | 06/05/14 2021             | 140528-5        | 9IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/05/14 0303             | 2IC2155         | 7IC2155            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051858

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051859

Sample Description: WG-05212014-AK-AMW101S

Date Sampled: 05/21/2014  
 Time Sampled: 1610

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/30          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/30          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | 0.013                | µg/L                      | 7409/32          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/32          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/32          |
| Hexachloroethane               | 0.02                 | µg/L                      | 7409/32          |
| Hexachlorobutadiene            | 0.05 FD              | µg/L                      | 7409/32          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/32          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/32          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/356         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/356         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/356         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/356         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/356         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/356         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/356         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/356         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/356         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7350/189         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7350/189         |
| Benzene                        | ND(0.5)              | µg/L                      | 7350/189         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7350/189         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7350/189         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7350/189         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7350/189         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7350/189         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7350/189         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7350/189         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7350/189         |
| Hardness (Calculated)          | 193                  | mg/L as CaCO <sub>3</sub> | 7157/898         |
| Chloride                       | 31.4                 | mg/L                      | 7277/488         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/28/14 1200             | 06/09/14 1114             | 140528-1        | 1NX5160            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/28/14 1200             | 06/09/14 1114             | 140528-1        | 1NX5160            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/27/14 1500             | 06/07/14 1507             | 140527-2        | 3EX3157            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/27/14 0930             | 06/10/14 1645             | 140527-1        | 1MS6161            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/29/14 2138             | 1MS9149         | 1MS9149            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0812             | 06/05/14 1844             | 140528-4        | 7IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/31/14 0804             | 4IC2150         | 8IC2150            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051859

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051860  
 Sample Description: WG-05222014-AK-AMW102S

Date Sampled: 05/22/2014  
 Time Sampled: 0915

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/29          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/29          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/32          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/32          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/32          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/32          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/32          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/32          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/32          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/353         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/353         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/353         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/353         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/353         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7350/189         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7350/189         |
| Benzene                        | ND(0.5)              | µg/L                      | 7350/189         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7350/189         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7350/189         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7350/189         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7350/189         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7350/189         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7350/189         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7350/189         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7350/189         |
| Hardness (Calculated)          | 251                  | mg/L as CaCO <sub>3</sub> | 7157/898         |
| Chloride                       | 57                   | mg/L                      | 7277/493         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/28/14 1200             | 06/07/14 0523             | 140528-1        | 2NX5157            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/28/14 1200             | 06/07/14 0523             | 140528-1        | 2NX5157            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/27/14 1500             | 06/06/14 2139             | 140527-2        | 1EX3157            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/27/14 0930             | 06/06/14 2304             | 140527-1        | 1MS6157            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/29/14 2203             | 1MS9149         | 1MS9149            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0900             | 06/05/14 2025             | 140528-5        | 9IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/05/14 0318             | 2IC2155         | 7IC2155            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051860

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051861  
 Sample Description: WG-05222014-JR-MW12S3

Date Sampled: 05/22/2014  
 Time Sampled: 0940

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/29          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/29          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | 0.068 B              | µg/L                      | 7409/32          |
| B-BHC                          | 4.28                 | µg/L                      | 7409/32          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/32          |
| Hexachloroethane               | 0.76                 | µg/L                      | 7409/32          |
| Hexachlorobutadiene            | 1.02                 | µg/L                      | 7409/32          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/32          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/32          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/353         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/353         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/353         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/353         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/353         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(5)                | µg/L                      | 7350/189         |
| 1,2-Dichloroethane             | ND(5)                | µg/L                      | 7350/189         |
| Benzene                        | ND(5)                | µg/L                      | 7350/189         |
| Carbon tetrachloride           | 109                  | µg/L                      | 7350/189         |
| Chloroform                     | 119                  | µg/L                      | 7350/189         |
| Chloromethane                  | ND(5)                | µg/L                      | 7350/189         |
| Methylene chloride             | ND(5)                | µg/L                      | 7350/189         |
| Tetrachloroethylene            | 49                   | µg/L                      | 7350/189         |
| Trichloroethylene              | ND(5)                | µg/L                      | 7350/189         |
| Vinyl chloride                 | ND(5)                | µg/L                      | 7350/189         |
| 1,2-Dichloropropane            | ND(5)                | µg/L                      | 7350/189         |
| Hardness (Calculated)          | 353                  | mg/L as CaCO <sub>3</sub> | 7157/898         |
| Chloride                       | 220.                 | mg/L                      | 7277/488         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/28/14 1200             | 06/07/14 0602             | 140528-1        | 2NX5157            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/28/14 1200             | 06/07/14 0602             | 140528-1        | 2NX5157            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/27/14 1500             | 06/06/14 2221             | 140527-2        | 1EX3157            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/27/14 0930             | 06/07/14 0127             | 140527-1        | 2MS6157            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/29/14 2228             | 1MS9149         | 1MS9149            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0900             | 06/05/14 2029             | 140528-5        | 9IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/31/14 0834             | 4IC2150         | 8IC2150            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051861

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

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Lab Number: 14051862  
Sample Description: TB-05222014-AK

Date Sampled: 05/22/2014  
Time Sampled: 1200

| <u>Analysis</u>                      | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u>           |
|--------------------------------------|---------------------------|---------------------------|----------------------------|
| OXY Volatiles by 8260                |                           |                           |                            |
| 1,1,1-Trichloroethane                | ND(0.5)                   | µg/L                      | 7350/189                   |
| 1,2-Dichloroethane                   | ND(0.5)                   | µg/L                      | 7350/189                   |
| Benzene                              | ND(0.5)                   | µg/L                      | 7350/189                   |
| Carbon tetrachloride                 | ND(0.5)                   | µg/L                      | 7350/189                   |
| Chloroform                           | ND(0.5)                   | µg/L                      | 7350/189                   |
| Chloromethane                        | ND(0.5)                   | µg/L                      | 7350/189                   |
| Methylene chloride                   | ND(0.5)                   | µg/L                      | 7350/189                   |
| Tetrachloroethylene                  | ND(0.5)                   | µg/L                      | 7350/189                   |
| Trichloroethylene                    | ND(0.5)                   | µg/L                      | 7350/189                   |
| Vinyl chloride                       | ND(0.5)                   | µg/L                      | 7350/189                   |
| 1,2-Dichloropropane                  | ND(0.5)                   | µg/L                      | 7350/189                   |
| <u>Analysis</u>                      | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>            |
| OXY Volatiles by 8260                | N/A                       | 05/29/14 2252             | 1MS9149                    |
| Volatile Analysis Preparation Method |                           |                           | 1MS9149 RKR 8260B<br>5030B |

Conclusion of Lab Number: 14051862

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051863  
 Sample Description: WG-05222014-JR-IW40

Date Sampled: 05/22/2014  
 Time Sampled: 1255

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/29          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/29          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/32          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/32          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/32          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/32          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/32          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/32          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/32          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/353         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/353         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/353         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/353         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/353         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7350/189         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7350/189         |
| Benzene                        | ND(0.5)              | µg/L                      | 7350/189         |
| Carbon tetrachloride           | 8.2                  | µg/L                      | 7350/189         |
| Chloroform                     | 2.3                  | µg/L                      | 7350/189         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7350/189         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7350/189         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7350/189         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7350/189         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7350/189         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7350/189         |
| Hardness (Calculated)          | 458                  | mg/L as CaCO <sub>3</sub> | 7157/898         |
| Chloride                       | 267                  | mg/L                      | 7277/488         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/28/14 1200             | 06/07/14 0720             | 140528-1        | 3NX5157            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/28/14 1200             | 06/07/14 0720             | 140528-1        | 3NX5157            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/27/14 1500             | 06/06/14 2302             | 140527-2        | 1EX3157            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/27/14 0930             | 06/07/14 0211             | 140527-1        | 2MS6157            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/29/14 2317             | 1MS9149         | 1MS9149            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0812             | 06/05/14 1848             | 140528-4        | 7IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/31/14 0848             | 4IC2150         | 8IC2150            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051863

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051864  
 Sample Description: WG-05222014-JR-IW43

Date Sampled: 05/22/2014  
 Time Sampled: 1245

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | 14                   | µg/L                      | 7411/30          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/29          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | 0.097                | µg/L                      | 7409/32          |
| B-BHC                          | 0.295                | µg/L                      | 7409/32          |
| G-BHC                          | 0.066                | µg/L                      | 7409/32          |
| Hexachloroethane               | 0.33                 | µg/L                      | 7409/32          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/32          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/32          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/32          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | 15.9                 | µg/L                      | 7326/353         |
| 3-& 4-Chlorophenol             | 6.2                  | µg/L                      | 7326/353         |
| 2,4-Dichlorophenol             | 39.4                 | µg/L                      | 7326/353         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,6-Dichlorophenol             | 32.1                 | µg/L                      | 7326/353         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/353         |
| 2,4,6-Trichlorophenol          | 18.2                 | µg/L                      | 7326/353         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/353         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/353         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(50)               | µg/L                      | 7348/254         |
| 1,2-Dichloroethane             | ND(50)               | µg/L                      | 7348/254         |
| Benzene                        | ND(50)               | µg/L                      | 7348/254         |
| Carbon tetrachloride           | 690                  | µg/L                      | 7348/254         |
| Chloroform                     | ND(50)               | µg/L                      | 7348/254         |
| Chloromethane                  | ND(50)               | µg/L                      | 7348/254         |
| Methylene chloride             | ND(50)               | µg/L                      | 7348/254         |
| Tetrachloroethylene            | ND(50)               | µg/L                      | 7348/254         |
| Trichloroethylene              | ND(50)               | µg/L                      | 7348/254         |
| Vinyl chloride                 | ND(50)               | µg/L                      | 7348/254         |
| 1,2-Dichloropropane            | ND(50)               | µg/L                      | 7348/254         |
| Hardness (Calculated)          | 480.                 | mg/L as CaCO <sub>3</sub> | 7157/898         |
| Chloride                       | 511                  | mg/L                      | 7277/488         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/28/14 1200             | 06/09/14 1154             | 140528-1        | 1NX5160            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/28/14 1200             | 06/07/14 0759             | 140528-1        | 3NX5157            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/27/14 1500             | 06/07/14 1549             | 140527-2        | 3EX3157            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/29/14 1530             | 06/07/14 0422             | 140529-6        | 2MS6157            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/30/14 1410             | 1MS5150         | 1MS5150            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0812             | 06/05/14 1852             | 140528-4        | 7IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/31/14 0903             | 4IC2150         | 8IC2150            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051864

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051865  
 Sample Description: WG-05222014-JR-IW44

Date Sampled: 05/22/2014  
 Time Sampled: 1220

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/29          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/29          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/32          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/32          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/32          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/32          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/32          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/32          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/32          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/353         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,5-Dichlorophenol             | ND(5.0) QC           | µg/L                      | 7326/353         |
| 2,6-Dichlorophenol             | ND(5.0) QC           | µg/L                      | 7326/353         |
| 2,4,5-Trichlorophenol          | ND(5.0) QC           | µg/L                      | 7326/353         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/353         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/353         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/353         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(3)                | µg/L                      | 7348/254         |
| 1,2-Dichloroethane             | ND(3)                | µg/L                      | 7348/254         |
| Benzene                        | ND(3)                | µg/L                      | 7348/254         |
| Carbon tetrachloride           | 106                  | µg/L                      | 7348/254         |
| Chloroform                     | 5                    | µg/L                      | 7348/254         |
| Chloromethane                  | ND(3)                | µg/L                      | 7348/254         |
| Methylene chloride             | ND(3)                | µg/L                      | 7348/254         |
| Tetrachloroethylene            | ND(3)                | µg/L                      | 7348/254         |
| Trichloroethylene              | ND(3)                | µg/L                      | 7348/254         |
| Vinyl chloride                 | ND(3)                | µg/L                      | 7348/254         |
| 1,2-Dichloropropane            | ND(3)                | µg/L                      | 7348/254         |
| Hardness (Calculated)          | 283 QC               | mg/L as CaCO <sub>3</sub> | 7157/898         |
| Chloride                       | 132                  | mg/L                      | 7277/488         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/28/14 1200             | 06/07/14 0838             | 140528-1        | 3NX5157            | JMM            | 8151A(M)         |

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## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/28/14 1200             | 06/07/14 0838             | 140528-1        | 3NX5157            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/27/14 1500             | 06/07/14 0150             | 140527-2        | 2EX3157            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/29/14 1530             | 06/07/14 0506             | 140529-6        | 2MS6157            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/30/14 1436             | 1MS5150         | 1MS5150            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0900             | 06/05/14 2034             | 140528-5        | 9IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/31/14 0918             | 4IC2150         | 8IC2150            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051865

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051866  
 Sample Description: WG-05222014-JR-IW45

Date Sampled: 05/22/2014  
 Time Sampled: 1315

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/29          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/29          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/32          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/32          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/32          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/32          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/32          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/32          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/32          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/353         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/353         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/353         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/353         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/353         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/255         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/255         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/255         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7348/255         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7348/255         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/255         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/255         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/255         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/255         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/255         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/255         |
| Hardness (Calculated)          | 196                  | mg/L as CaCO <sub>3</sub> | 7157/898         |
| Chloride                       | 33.4                 | mg/L                      | 7277/488         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/28/14 1200             | 06/07/14 1036             | 140528-1        | 3NX5157            | JMM            | 8151A(M)         |

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## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/28/14 1200             | 06/07/14 1036             | 140528-1        | 3NX5157            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/27/14 1500             | 06/07/14 0356             | 140527-2        | 2EX3157            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/29/14 1530             | 06/07/14 0718             | 140529-6        | 2MS6157            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 06/03/14 1501             | 1MS5154         | 1MS5154            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0812             | 06/05/14 1856             | 140528-4        | 7IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/31/14 1047             | 4IC2150         | 9IC2150            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051866

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051867  
 Sample Description: WG-05222014-JR-IW46

Date Sampled: 05/22/2014  
 Time Sampled: 1155

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/29          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/29          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/32          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/32          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/32          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/32          |
| Hexachlorobutadiene            | 0.02                 | µg/L                      | 7409/32          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/32          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/32          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/353         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/353         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/353         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/353         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/353         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/255         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/255         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/255         |
| Carbon tetrachloride           | 1.5                  | µg/L                      | 7348/255         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7348/255         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/255         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/255         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/255         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/255         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/255         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/255         |
| Hardness (Calculated)          | 303                  | mg/L as CaCO <sub>3</sub> | 7157/898         |
| Chloride                       | 154                  | mg/L                      | 7277/488         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/28/14 1200             | 06/07/14 1115             | 140528-1        | 3NX5157            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/28/14 1200             | 06/07/14 1115             | 140528-1        | 3NX5157            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/27/14 1500             | 06/07/14 0438             | 140527-2        | 2EX3157            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/29/14 1530             | 06/07/14 0802             | 140529-6        | 2MS6157            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 06/03/14 1526             | 1MS5154         | 1MS5154            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0812             | 06/05/14 1901             | 140528-4        | 7IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/31/14 1102             | 4IC2150         | 9IC2150            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051867

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051868  
 Sample Description: WG-05222014-JR-IW32

Date Sampled: 05/22/2014  
 Time Sampled: 1200

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | 30. QC               | µg/L                      | 7411/30          |
| Pentachlorophenol              | 100 QC               | µg/L                      | 7411/30          |
| OXY Chlorinated Hyd.           | SR                   |                           |                  |
| A-BHC                          | 0.793                | µg/L                      | 7409/32          |
| B-BHC                          | 2.19 E               | µg/L                      | 7409/32          |
| G-BHC                          | 1.01 E               | µg/L                      | 7409/32          |
| Hexachloroethane               | 8.36                 | µg/L                      | 7409/32          |
| Hexachlorobutadiene            | 1.5                  | µg/L                      | 7409/32          |
| Hexachlorobenzene              | ND(0.50)             | µg/L                      | 7409/32          |
| D-BHC                          | 0.4 FC               | µg/L                      | 7409/32          |
| <br>OXY GC/MS Acids            |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/353         |
| 3-& 4-Chlorophenol             | 7.8                  | µg/L                      | 7326/353         |
| 2,4-Dichlorophenol             | 120.                 | µg/L                      | 7326/353         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/353         |
| 2,6-Dichlorophenol             | 26.8                 | µg/L                      | 7326/353         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/353         |
| 2,4,6-Trichlorophenol          | 57.2                 | µg/L                      | 7326/353         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/353         |
| 2,3,4,6-Tetrachlorophenol      | 28.1                 | µg/L                      | 7326/353         |
| <br>OXY Volatiles by 8260      |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(5)                | µg/L                      | 7348/254         |
| 1,2-Dichloroethane             | 54                   | µg/L                      | 7348/254         |
| Benzene                        | 242                  | µg/L                      | 7348/254         |
| Carbon tetrachloride           | 291                  | µg/L                      | 7348/254         |
| Chloroform                     | 402                  | µg/L                      | 7348/254         |
| Chloromethane                  | ND(5)                | µg/L                      | 7348/254         |
| Methylene chloride             | 49                   | µg/L                      | 7348/254         |
| Tetrachloroethylene            | 169                  | µg/L                      | 7348/254         |
| Trichloroethylene              | 38                   | µg/L                      | 7348/254         |
| Vinyl chloride                 | ND(5)                | µg/L                      | 7348/254         |
| 1,2-Dichloropropane            | ND(5)                | µg/L                      | 7348/254         |
| Hardness (Calculated)          | 601                  | mg/L as CaCO <sub>3</sub> | 7157/898         |
| Chloride                       | 1780                 | mg/L                      | 7277/488         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/29/14 1230             | 06/09/14 1905             | 140529-5        | 2NX5160            | LPL            | 8151A(M)         |

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## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/29/14 1230             | 06/09/14 1905             | 140529-5        | 2NX5160            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/27/14 1500             | 06/07/14 0520             | 140527-2        | 2EX3157            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/29/14 1530             | 06/07/14 0846             | 140529-6        | 2MS6157            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/30/14 2248             | 1MS5150         | 1MS5150            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0900             | 06/05/14 2050             | 140528-5        | 9IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/31/14 1116             | 4IC2150         | 9IC2150            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051868

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051869  
 Sample Description: WG-05222014-JR-IW31

Date Sampled: 05/22/2014  
 Time Sampled: 1215

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | 340 QC               | µg/L                      | 7411/30          |
| Pentachlorophenol              | 100 QC               | µg/L                      | 7411/30          |
| OXY Chlorinated Hyd.           | QC                   |                           |                  |
| A-BHC                          | 29                   | µg/L                      | 7409/32          |
| B-BHC                          | ND(15)               | µg/L                      | 7409/32          |
| G-BHC                          | 38                   | µg/L                      | 7409/32          |
| Hexachloroethane               | 767                  | µg/L                      | 7409/32          |
| Hexachlorobutadiene            | 698                  | µg/L                      | 7409/32          |
| Hexachlorobenzene              | ND(40)               | µg/L                      | 7409/32          |
| D-BHC                          | 30 FC                | µg/L                      | 7409/32          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | 16.5                 | µg/L                      | 7326/354         |
| 3-& 4-Chlorophenol             | 13.5                 | µg/L                      | 7326/354         |
| 2,4-Dichlorophenol             | 146                  | µg/L                      | 7326/354         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/354         |
| 2,6-Dichlorophenol             | 60.4                 | µg/L                      | 7326/354         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/354         |
| 2,4,6-Trichlorophenol          | 104                  | µg/L                      | 7326/354         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/354         |
| 2,3,4,6-Tetrachlorophenol      | 23.2                 | µg/L                      | 7326/354         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(100)              | µg/L                      | 7348/254         |
| 1,2-Dichloroethane             | 300                  | µg/L                      | 7348/254         |
| Benzene                        | 820                  | µg/L                      | 7348/254         |
| Carbon tetrachloride           | 1800                 | µg/L                      | 7348/254         |
| Chloroform                     | 4020                 | µg/L                      | 7348/254         |
| Chloromethane                  | ND(100)              | µg/L                      | 7348/254         |
| Methylene chloride             | 2300                 | µg/L                      | 7348/254         |
| Tetrachloroethylene            | 7300                 | µg/L                      | 7348/254         |
| Trichloroethylene              | 360                  | µg/L                      | 7348/254         |
| Vinyl chloride                 | ND(100)              | µg/L                      | 7348/254         |
| 1,2-Dichloropropane            | 100                  | µg/L                      | 7348/254         |
| Hardness (Calculated)          | 813                  | mg/L as CaCO <sub>3</sub> | 7157/898         |
| Chloride                       | 2720                 | mg/L                      | 7277/488         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/29/14 1230             | 06/09/14 1944             | 140529-5        | 2NX5160            | LPL            | 8151A(M)         |

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## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/29/14 1230             | 06/09/14 1944             | 140529-5        | 2NX5160            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/27/14 1500             | 06/07/14 0602             | 140527-2        | 2EX3157            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/29/14 1530             | 06/09/14 0959             | 140529-6        | 1MS6160            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/30/14 1712             | 1MS5150         | 1MS5150            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0812             | 06/05/14 1905             | 140528-4        | 7IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/31/14 1131             | 4IC2150         | 9IC2150            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051869

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051870  
 Sample Description: WG-05222014-JR-IW30

Date Sampled: 05/22/2014  
 Time Sampled: 1230

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | 160 QC               | µg/L                      | 7411/30          |
| Pentachlorophenol              | 160 QC               | µg/L                      | 7411/30          |
| OXY Chlorinated Hyd.           | QC                   |                           |                  |
| A-BHC                          | 4.5                  | µg/L                      | 7409/32          |
| B-BHC                          | ND(15)               | µg/L                      | 7409/32          |
| G-BHC                          | ND(21)               | µg/L                      | 7409/32          |
| Hexachloroethane               | 1030                 | µg/L                      | 7409/32          |
| Hexachlorobutadiene            | 875                  | µg/L                      | 7409/32          |
| Hexachlorobenzene              | ND(40)               | µg/L                      | 7409/32          |
| D-BHC                          | ND(20)               | µg/L                      | 7409/32          |
| OXY GC/MS Acids                | SR                   |                           |                  |
| 2-Chlorophenol                 | 16.3                 | µg/L                      | 7326/354         |
| 3-& 4-Chlorophenol             | 16.6 EC              | µg/L                      | 7326/354         |
| 2,4-Dichlorophenol             | 112                  | µg/L                      | 7326/354         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/354         |
| 2,6-Dichlorophenol             | 21.6                 | µg/L                      | 7326/354         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/354         |
| 2,4,6-Trichlorophenol          | OC                   | µg/L                      | 7326/354         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/354         |
| 2,3,4,6-Tetrachlorophenol      | 168                  | µg/L                      | 7326/354         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(500)              | µg/L                      | 7348/254         |
| 1,2-Dichloroethane             | 2600                 | µg/L                      | 7348/254         |
| Benzene                        | ND(500)              | µg/L                      | 7348/254         |
| Carbon tetrachloride           | 20300                | µg/L                      | 7348/254         |
| Chloroform                     | 25500                | µg/L                      | 7348/254         |
| Chloromethane                  | ND(500)              | µg/L                      | 7348/254         |
| Methylene chloride             | 3000                 | µg/L                      | 7348/254         |
| Tetrachloroethylene            | 9900                 | µg/L                      | 7348/254         |
| Trichloroethylene              | 1300                 | µg/L                      | 7348/254         |
| Vinyl chloride                 | ND(500)              | µg/L                      | 7348/254         |
| 1,2-Dichloropropane            | 3400                 | µg/L                      | 7348/254         |
| Hardness (Calculated)          | 553                  | mg/L as CaCO <sub>3</sub> | 7157/898         |
| Chloride                       | 4050                 | mg/L                      | 7277/488         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/29/14 1230             | 06/09/14 2023             | 140529-5        | 2NX5160            | LPL            | 8151A(M)         |

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## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/29/14 1230             | 06/09/14 2023             | 140529-5        | 2NX5160            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/27/14 1500             | 06/07/14 0644             | 140527-2        | 2EX3157            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/29/14 1530             | 06/09/14 1044             | 140529-6        | 1MS6160            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/30/14 1737             | 1MS5150         | 1MS5150            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0812             | 06/05/14 1909             | 140528-4        | 7IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 05/31/14 1146             | 4IC2150         | 9IC2150            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051870

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

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Lab Number: 14051870R  
Sample Description: WG-05222014-JR-IW30

Date Sampled: 05/22/2014  
Time Sampled: 1230

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

| <u>Analysis</u>           | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|---------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| OXY GC/MS Acids           | SR                        |                           |                  |                    |                |                  |
| 2-Chlorophenol            | 16                        | µg/L                      | 7326/356         |                    |                |                  |
| 3-& 4-Chlorophenol        | 16 EC                     | µg/L                      | 7326/356         |                    |                |                  |
| 2,4-Dichlorophenol        | 117                       | µg/L                      | 7326/356         |                    |                |                  |
| 2,5-Dichlorophenol        | ND(10)                    | µg/L                      | 7326/356         |                    |                |                  |
| 2,6-Dichlorophenol        | 21.6                      | µg/L                      | 7326/356         |                    |                |                  |
| 2,4,5-Trichlorophenol     | ND(10)                    | µg/L                      | 7326/356         |                    |                |                  |
| 2,4,6-Trichlorophenol     | 254                       | µg/L                      | 7326/356         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol | ND(10) CE                 | µg/L                      | 7326/356         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol | 170.                      | µg/L                      | 7326/356         |                    |                |                  |
| <u>Analysis</u>           | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| OXY GC/MS Acids           | 05/29/14 1530             | 06/10/14 1433             | 140529-6         | 1MS6161            | BLP            | 8270C            |
| Acid Preparation Method   |                           |                           |                  |                    |                | 625/3510C        |

Conclusion of Lab Number: 14051870R

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051871  
 Sample Description: WG-05222014-JR-FD7

Date Sampled: 05/22/2014  
 Time Sampled: 0000

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | 150 QC               | µg/L                      | 7411/30          |
| Pentachlorophenol              | 150 QC               | µg/L                      | 7411/30          |
| OXY Chlorinated Hyd.           | QC                   |                           |                  |
| A-BHC                          | ND(4.4)              | µg/L                      | 7409/32          |
| B-BHC                          | ND(15)               | µg/L                      | 7409/32          |
| G-BHC                          | ND(21)               | µg/L                      | 7409/32          |
| Hexachloroethane               | 975                  | µg/L                      | 7409/32          |
| Hexachlorobutadiene            | 823                  | µg/L                      | 7409/32          |
| Hexachlorobenzene              | ND(40)               | µg/L                      | 7409/32          |
| D-BHC                          | ND(20)               | µg/L                      | 7409/32          |
| OXY GC/MS Acids                | SR                   |                           |                  |
| 2-Chlorophenol                 | 16.7                 | µg/L                      | 7326/354         |
| 3-& 4-Chlorophenol             | 17.4 EC              | µg/L                      | 7326/354         |
| 2,4-Dichlorophenol             | 130.                 | µg/L                      | 7326/354         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/354         |
| 2,6-Dichlorophenol             | 22.4                 | µg/L                      | 7326/354         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/354         |
| 2,4,6-Trichlorophenol          | OC                   | µg/L                      | 7326/354         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/354         |
| 2,3,4,6-Tetrachlorophenol      | 167                  | µg/L                      | 7326/354         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(500) QC           | µg/L                      | 7348/255         |
| 1,2-Dichloroethane             | 2200                 | µg/L                      | 7348/255         |
| Benzene                        | ND(500)              | µg/L                      | 7348/255         |
| Carbon tetrachloride           | 20000                | µg/L                      | 7348/255         |
| Chloroform                     | 25700                | µg/L                      | 7348/255         |
| Chloromethane                  | ND(500)              | µg/L                      | 7348/255         |
| Methylene chloride             | 2600                 | µg/L                      | 7348/255         |
| Tetrachloroethylene            | 9300                 | µg/L                      | 7348/255         |
| Trichloroethylene              | 1100                 | µg/L                      | 7348/255         |
| Vinyl chloride                 | ND(500)              | µg/L                      | 7348/255         |
| 1,2-Dichloropropane            | 2900                 | µg/L                      | 7348/255         |
| Hardness (Calculated)          | 553                  | mg/L as CaCO <sub>3</sub> | 7157/898         |
| Chloride                       | 4240                 | mg/L                      | 7277/490         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/29/14 1230             | 06/09/14 2142             | 140529-5        | 2NX5160            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/29/14 1230             | 06/09/14 2142             | 140529-5        | 2NX5160            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/27/14 1500             | 06/07/14 0725             | 140527-2        | 2EX3157            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/29/14 1530             | 06/09/14 1128             | 140529-6        | 1MS6160            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 06/03/14 1552             | 1MS5154         | 1MS5154            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0812             | 06/05/14 1922             | 140528-4        | 8IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/01/14 1300             | IIC2152         | IIC2152            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051871

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## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

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Lab Number: 14051871R  
Sample Description: WG-05222014-JR-FD7

Date Sampled: 05/22/2014  
Time Sampled: 0000

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

| <u>Analysis</u>           | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|---------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| OXY GC/MS Acids           | SR                        |                           |                  |                    |                |                  |
| 2-Chlorophenol            | 16                        | µg/L                      | 7326/356         |                    |                |                  |
| 3-& 4-Chlorophenol        | 17 EC                     | µg/L                      | 7326/356         |                    |                |                  |
| 2,4-Dichlorophenol        | 135                       | µg/L                      | 7326/356         |                    |                |                  |
| 2,5-Dichlorophenol        | ND(10)                    | µg/L                      | 7326/356         |                    |                |                  |
| 2,6-Dichlorophenol        | 21.6                      | µg/L                      | 7326/356         |                    |                |                  |
| 2,4,5-Trichlorophenol     | ND(10)                    | µg/L                      | 7326/356         |                    |                |                  |
| 2,4,6-Trichlorophenol     | 255                       | µg/L                      | 7326/356         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol | ND(10) CE                 | µg/L                      | 7326/356         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol | 169                       | µg/L                      | 7326/356         |                    |                |                  |
| <u>Analysis</u>           | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| OXY GC/MS Acids           | 05/29/14 1530             | 06/10/14 1517             | 140529-6         | 1MS6161            | BLP            | 8270C            |
| Acid Preparation Method   |                           |                           |                  |                    |                | 625/3510C        |

Conclusion of Lab Number: 14051871R

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051872  
 Sample Description: WG-05222014-JR-IW42

Date Sampled: 05/22/2014  
 Time Sampled: 1300

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/30          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/30          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/32          |
| B-BHC                          | 0.148                | µg/L                      | 7409/32          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/32          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/32          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/32          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/32          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/32          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/354         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/354         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/354         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/354         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/354         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/354         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/354         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/354         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/354         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/255         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/255         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/255         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7348/255         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7348/255         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/255         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/255         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7348/255         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7348/255         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/255         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/255         |
| Hardness (Calculated)          | 179                  | mg/L as CaCO <sub>3</sub> | 7157/898         |
| Chloride                       | 62                   | mg/L                      | 7277/490         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/29/14 1230             | 06/09/14 2221             | 140529-5        | 2NX5160            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/29/14 1230             | 06/09/14 2221             | 140529-5        | 2NX5160            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/29/14 0900             | 06/07/14 1055             | 140529-1        | 3EX3157            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/29/14 1530             | 06/09/14 1212             | 140529-6        | 1MS6160            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 06/03/14 1710             | 1MS5154         | 1MS5154            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0900             | 06/05/14 2103             | 140528-5        | 10IP4156           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/01/14 1315             | IIC2152         | IIC2152            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051872

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051873  
 Sample Description: WG-05222014-JR-IW29

Date Sampled: 05/22/2014  
 Time Sampled: 1325

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | 13                        | µg/L                      | 7411/31          |                    |                |                  |
| Pentachlorophenol              | 12                        | µg/L                      | 7411/31          |                    |                |                  |
| OXY Chlorinated Hyd.           | QC                        |                           |                  |                    |                |                  |
| A-BHC                          | 0.46                      | µg/L                      | 7409/32          |                    |                |                  |
| B-BHC                          | ND(1.1)                   | µg/L                      | 7409/32          |                    |                |                  |
| G-BHC                          | ND(1.5)                   | µg/L                      | 7409/32          |                    |                |                  |
| Hexachloroethane               | 6.6                       | µg/L                      | 7409/32          |                    |                |                  |
| Hexachlorobutadiene            | 40.1                      | µg/L                      | 7409/32          |                    |                |                  |
| Hexachlorobenzene              | ND(2.9)                   | µg/L                      | 7409/32          |                    |                |                  |
| D-BHC                          | ND(1)                     | µg/L                      | 7409/32          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/354         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/354         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/354         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/354         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/354         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/354         |                    |                |                  |
| 2,4,6-Trichlorophenol          | 7.9                       | µg/L                      | 7326/354         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/354         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/354         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(50)                    | µg/L                      | 7348/255         |                    |                |                  |
| 1,2-Dichloroethane             | 60                        | µg/L                      | 7348/255         |                    |                |                  |
| Benzene                        | ND(50)                    | µg/L                      | 7348/255         |                    |                |                  |
| Carbon tetrachloride           | 390                       | µg/L                      | 7348/255         |                    |                |                  |
| Chloroform                     | 1760                      | µg/L                      | 7348/255         |                    |                |                  |
| Chloromethane                  | ND(50)                    | µg/L                      | 7348/255         |                    |                |                  |
| Methylene chloride             | 250                       | µg/L                      | 7348/255         |                    |                |                  |
| Tetrachloroethylene            | 760                       | µg/L                      | 7348/255         |                    |                |                  |
| Trichloroethylene              | ND(50)                    | µg/L                      | 7348/255         |                    |                |                  |
| Vinyl chloride                 | ND(50)                    | µg/L                      | 7348/255         |                    |                |                  |
| 1,2-Dichloropropane            | ND(50)                    | µg/L                      | 7348/255         |                    |                |                  |
| Hardness (Calculated)          | 603                       | mg/L as CaCO <sub>3</sub> | 7157/898         |                    |                |                  |
| Chloride                       | 970                       | mg/L                      | 7277/490         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/29/14 1230             | 06/10/14 1707             | 140529-5         | 1NX5161            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/29/14 1230             | 06/10/14 1707             | 140529-5        | 1NX5161            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/29/14 0900             | 06/07/14 1137             | 140529-1        | 3EX3157            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/29/14 1530             | 06/09/14 1256             | 140529-6        | 1MS6160            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 06/03/14 1736             | 1MS5154         | 1MS5154            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0812             | 06/05/14 1926             | 140528-4        | 8IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/01/14 1400             | IIC2152         | IIC2152            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051873

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051874

Date Sampled: 05/22/2014  
 Time Sampled: 1340

Sample Description: WG-05222014-JR-IW35B

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/30          |
| Pentachlorophenol              | 0.5                  | µg/L                      | 7411/30          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | 0.080                | µg/L                      | 7409/33          |
| B-BHC                          | 1.53                 | µg/L                      | 7409/33          |
| G-BHC                          | ND(0.10)             | µg/L                      | 7409/33          |
| Hexachloroethane               | 4.70                 | µg/L                      | 7409/33          |
| Hexachlorobutadiene            | 1.3                  | µg/L                      | 7409/33          |
| Hexachlorobenzene              | ND(0.20)             | µg/L                      | 7409/33          |
| D-BHC                          | ND(0.1)              | µg/L                      | 7409/33          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/354         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/354         |
| 2,4-Dichlorophenol             | 5.5                  | µg/L                      | 7326/354         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/354         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/354         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/354         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/354         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/354         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/354         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(50)               | µg/L                      | 7348/255         |
| 1,2-Dichloroethane             | ND(50)               | µg/L                      | 7348/255         |
| Benzene                        | ND(50)               | µg/L                      | 7348/255         |
| Carbon tetrachloride           | 770                  | µg/L                      | 7348/255         |
| Chloroform                     | 950                  | µg/L                      | 7348/255         |
| Chloromethane                  | ND(50)               | µg/L                      | 7348/255         |
| Methylene chloride             | ND(50)               | µg/L                      | 7348/255         |
| Tetrachloroethylene            | 270                  | µg/L                      | 7348/255         |
| Trichloroethylene              | ND(50)               | µg/L                      | 7348/255         |
| Vinyl chloride                 | ND(50)               | µg/L                      | 7348/255         |
| 1,2-Dichloropropane            | ND(50)               | µg/L                      | 7348/255         |
| Hardness (Calculated)          | 344                  | mg/L as CaCO <sub>3</sub> | 7157/898         |
| Chloride                       | 420                  | mg/L                      | 7277/490         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/29/14 1230             | 06/10/14 0057             | 140529-5        | 3NX5160            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/29/14 1230             | 06/10/14 0057             | 140529-5        | 3NX5160            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/29/14 0900             | 06/09/14 1259             | 140529-1        | 1EX3160            | SPA            | 8121                 |
| OXY GC/MS Acids                             | 05/29/14 1530             | 06/09/14 1340             | 140529-6        | 1MS6160            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 06/03/14 1801             | 1MS5154         | 1MS5154            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0812             | 06/05/14 1930             | 140528-4        | 8IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/01/14 1414             | IIC2152         | IIC2152            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051874

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051875

Sample Description: WG-05222014-JR-IW35A

Date Sampled: 05/22/2014  
 Time Sampled: 1355

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/30          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/30          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | 0.022                | µg/L                      | 7409/32          |
| B-BHC                          | 1.18                 | µg/L                      | 7409/32          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/32          |
| Hexachloroethane               | 0.13                 | µg/L                      | 7409/32          |
| Hexachlorobutadiene            | 0.20 B               | µg/L                      | 7409/32          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/32          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/32          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/354         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/354         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/354         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/354         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/354         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/354         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/354         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/354         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/354         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7348/255         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7348/255         |
| Benzene                        | ND(0.5)              | µg/L                      | 7348/255         |
| Carbon tetrachloride           | 54.9                 | µg/L                      | 7348/255         |
| Chloroform                     | 60.3                 | µg/L                      | 7348/255         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7348/255         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7348/255         |
| Tetrachloroethylene            | 13.5                 | µg/L                      | 7348/255         |
| Trichloroethylene              | 0.9                  | µg/L                      | 7348/255         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7348/255         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7348/255         |
| Hardness (Calculated)          | 313                  | mg/L as CaCO <sub>3</sub> | 7157/898         |
| Chloride                       | 168                  | mg/L                      | 7277/490         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 05/29/14 1230             | 06/10/14 0136             | 140529-5        | 3NX5160            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/29/14 1230             | 06/10/14 0136             | 140529-5        | 3NX5160            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/29/14 0900             | 06/07/14 1301             | 140529-1        | 3EX3157            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/29/14 1530             | 06/09/14 1425             | 140529-6        | 1MS6160            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 06/03/14 1827             | 1MS5154         | 1MS5154            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0812             | 06/05/14 1935             | 140528-4        | 8IP4156            | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/01/14 1429             | IIC2152         | IIC2152            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051875

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## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

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Lab Number: 14051875R  
Sample Description: WG-05222014-JR-IW35A

Date Sampled: 05/22/2014  
Time Sampled: 1355

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

| <u>Analysis</u>                             | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|---|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| OXY Chlorinated Hyd.                        | HP                        |                           |                  |                    |                |                  |
| A-BHC                                       | 0.019                     | µg/L                      | 7409/34          |                    |                |                  |
| B-BHC                                       | 1.14                      | µg/L                      | 7409/34          |                    |                |                  |
| G-BHC                                       | ND(0.052)                 | µg/L                      | 7409/34          |                    |                |                  |
| Hexachloroethane                            | 0.11                      | µg/L                      | 7409/34          |                    |                |                  |
| Hexachlorobutadiene                         | 0.21                      | µg/L                      | 7409/34          |                    |                |                  |
| Hexachlorobenzene                           | ND(0.10)                  | µg/L                      | 7409/34          |                    |                |                  |
| D-BHC                                       | ND(0.05)                  | µg/L                      | 7409/34          |                    |                |                  |
| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| OXY Chlorinated Hyd.                        | 06/09/14 1130             | 06/10/14 1526             | 140609-7         | 1EX3161            | SPA            | 8121             |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                  |                    |                | 3510C            |

Conclusion of Lab Number: 14051875R

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## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

Lab Number: 14051876  
 Sample Description: WG-05222014-JR-RB1

Date Sampled: 05/22/2014  
 Time Sampled: 1425

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/30          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/30          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/32          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/32          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/32          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/32          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/32          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/32          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/32          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/354         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/354         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/354         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/354         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/354         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/354         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/354         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/354         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/354         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7348/254         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7348/254         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7348/254         |                    |                |                  |
| Carbon tetrachloride           | ND(0.5)                   | µg/L                      | 7348/254         |                    |                |                  |
| Chloroform                     | ND(0.5)                   | µg/L                      | 7348/254         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7348/254         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7348/254         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7348/254         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7348/254         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7348/254         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7348/254         |                    |                |                  |
| Hardness (Calculated)          | ND(5.0)                   | mg/L as CaCO <sub>3</sub> | 7157/898         |                    |                |                  |
| Chloride                       | ND(1.0)                   | mg/L                      | 7277/490         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 05/29/14 1230             | 06/10/14 0254             | 140529-5         | 3NX5160            | LPL            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 05/29/14 1230             | 06/10/14 0254             | 140529-5        | 3NX5160            | LPL            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 05/29/14 0900             | 06/07/14 1343             | 140529-1        | 3EX3157            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 05/29/14 1530             | 06/09/14 1509             | 140529-6        | 1MS6160            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 05/30/14 2013             | 1MS5150         | 1MS5150            | RKR            | 8260B                |
| Hardness (Calculated)                       | 05/28/14 0900             | 06/05/14 2107             | 140528-5        | 10IP4156           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/01/14 1528             | IIC2152         | 2IC2152            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14051876

## Appendix

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

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ND( ), where reported, indicates the analyte was not detected above the Limit of Quantitation (LOQ). The concentration of the LOQ is inside the parentheses.

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Not all samples were received at the recommended temperature of less than 6 degrees Celsius. Because the samples were hand-delivered to the Laboratory immediately after collection and showed evidence of cooling by the presence of ice and/or cool blue ice, they are considered acceptable by NELAC. Refer to the enclosed Cooler/Sample Receipt Form(s) for the affected coolers and samples.

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No analysis with a holding time of seventy-two hours or less was performed in this Continental order.

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B - Analyte is also present in the method blank or load blank at the concentration indicated either to the right of the letter B and/or in the enclosed Quality Control Report. The reported sample concentration has not been blank corrected.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

E - Concentration or reporting limit is an estimated value. Matrix interferences and/or sample heterogeneity were noted at the time of sample analysis.

EC - This result is estimated due to insufficient chromatographic resolution from other compounds.

EI - This result is estimated due to insufficient chromatographic resolution or distortion of the internal standard from other compounds.

FC - The confirmation analysis on a second GC column (or detector) resulted in a greater than 40% difference between the primary and confirmation results. The lower value was reported.

FD - The confirmation analysis on a second GC column (or detector) resulted in a greater than 40% difference between the primary and confirmation results. The higher value was reported.

HP - Regulatory preparation holding time for this analysis was exceeded.

M - Reporting limit higher than normal due to matrix interferences.

OC - The response for this analyte exceeded the calibration range of the instrument. Sample dilution and reanalysis is necessary to obtain an accurate result. The reported result, if provided, is estimated.

QC - QC data qualifiers were noted. See the Quality Control Report.

SR - One or more surrogate recoveries for this analysis did not meet quality control limits. Please see the Quality Control

Report for the sample surrogate data.

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## Accreditation Summary

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Client: Occidental Chemical Corporation  
Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

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NELAP accreditation is issued under each EPA regulatory program for a given matrix/analyte/method combination. Continental is NELAP accredited for each matrix/analyte/method and EPA program cited in this Laboratory Report, except for those listed in the table below and for analyses performed in the field. For most of the analyses listed in the table, NELAP accreditation is not offered under the listed EPA program and Continental is NELAP accredited for the analysis, using the same analytical technology, but under a different EPA program. Continental's full NELAP accreditation status may be viewed at [www.kdheks.gov/envlab](http://www.kdheks.gov/envlab). Note that unless qualified otherwise in the Laboratory Report, Continental performs all analyses, including each analysis listed in the table below, utilizing NELAP protocol.

| <u>Test</u> | <u>Analysis</u>           | <u>Matrix-Regulatory Program</u> | <u>Method</u> | <u>CAS NELAP Accredited in Other Reg. Program</u> |
|-------------|---------------------------|----------------------------------|---------------|---|
| CL351       | OXY Chlorinated Hyd.      | L-RCRA                           | 8121          |   |
| CL351       | Hexachloroethane          | L-RCRA                           | 8121          | No  |
| CL351       | Hexachlorobutadiene       | L-RCRA                           | 8121          | No  |
| MS302       | OXY GC/MS Acids           | L-RCRA                           | 8270C         |   |
| MS302       | 3-& 4-Chlorophenol        | L-RCRA                           | 8270C         | No  |
| MS302       | 2,5-Dichlorophenol        | L-RCRA                           | 8270C         | No  |
| MS302       | 2,3,4,5-Tetrachlorophenol | L-RCRA                           | 8270C         | No  |

**Quality Control Report  
Batch Summary**

Page: 77

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

| Test Code   | Testname                       | QC Batch | Method Blank Date/Time Analyzed | LCS Date/Time Analyzed      | MS Lab No. Date/Time Analyzed |
|---|--------------------------------|----------|---------------------------------|-----------------------------|-------------------------------|
| CL223   | 2,4-Dichlorophenoxyacetic Acid | 140523-1 | 140523BLK1<br>06/03/14 1929     | 140523LCS1<br>06/03/14 2008 | 14051852MS<br>06/06/14 1858   |
| Lab numbers associated with this batch:<br>14051844 14051845 14051846 14051852 14051853 14051854 14051855   |                                |          |                                 |                             |                               |
| CL223   | 2,4-Dichlorophenoxyacetic Acid | 140528-1 | 140528BLK1<br>06/06/14 2134     | 140528LCS1<br>06/06/14 2213 | 14051865MS<br>06/07/14 0918   |
| Lab numbers associated with this batch:<br>14051847 14051848 14051849 14051850 14051851 14051856 14051857 14051858 14051859 14051860 14051861<br>14051863 14051864 14051865 14051866 14051867   |                                |          |                                 |                             |                               |
| CL223   | 2,4-Dichlorophenoxyacetic Acid | 140529-5 | 140529BLK5<br>06/09/14 1747     | 140529LCS5<br>06/09/14 1826 | 14051876MS                    |
| Lab numbers associated with this batch:<br>14051868 14051869 14051870 14051871 14051872 14051873 14051874 14051875 14051876   |                                |          |                                 |                             |                               |
| CL350   | Pentachlorophenol              | 140523-1 | 140523BLK1<br>06/03/14 1929     | 140523LCS1<br>06/03/14 2008 | 14051852MS<br>06/04/14 0515   |
| Lab numbers associated with this batch:<br>14051844 14051845 14051846 14051852 14051853 14051854 14051855   |                                |          |                                 |                             |                               |
| CL350   | Pentachlorophenol              | 140528-1 | 140528BLK1<br>06/06/14 2134     | 140528LCS1<br>06/06/14 2213 | 14051865MS<br>06/07/14 0918   |
| Lab numbers associated with this batch:<br>14051847 14051848 14051849 14051850 14051851 14051856 14051857 14051858 14051859 14051860 14051861<br>14051863 14051864 14051865 14051866 14051867   |                                |          |                                 |                             |                               |
| CL350   | Pentachlorophenol              | 140529-5 | 140529BLK5<br>06/09/14 1747     | 140529LCS5<br>06/09/14 1826 | 14051876MS                    |
| Lab numbers associated with this batch:<br>14051868 14051869 14051870 14051871 14051872 14051873 14051874 14051875 14051876   |                                |          |                                 |                             |                               |
| CL351   | OXY Chlorinated Hyd.           | 140523-2 | 140523BLK2<br>06/04/14 1754     | 140523LCS2<br>06/04/14 1836 | 14051852MS<br>06/05/14 0423   |
| Lab numbers associated with this batch:<br>14051844 14051845 14051846 14051852 14051853 14051854 14051855   |                                |          |                                 |                             |                               |
| CL351   | OXY Chlorinated Hyd.           | 140527-2 | 140527BLK2<br>06/06/14 0026     | 140527LCS2<br>06/06/14 0108 | 14051865MS<br>06/07/14 0232   |
| Lab numbers associated with this batch:<br>14051847 14051848 14051849 14051849R 14051850 14051851 14051851R 14051856 14051857 14051858 14051859<br>14051860 14051861 14051863 14051864 14051865 14051866 14051867 14051868 14051869 14051870 14051871 |                                |          |                                 |                             |                               |
| CL351   | OXY Chlorinated Hyd.           | 140529-1 | 140529BLK1<br>06/07/14 0931     | 140529LCS1<br>06/07/14 1013 | 14051876MS                    |
| Lab numbers associated with this batch:<br>14051872 14051873 14051874 14051875 14051876   |                                |          |                                 |                             |                               |
| CL351   | OXY Chlorinated Hyd.           | 140609-7 | 140609BLK7<br>06/10/14 1402     | 140609LCS7<br>06/10/14 1444 |                               |
| Lab numbers associated with this batch:<br>14051875R  |                                |          |                                 |                             |                               |

**Quality Control Report  
Batch Summary**

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

| Test Code  | Testname              | QC Batch | Method Blank Date/Time Analyzed | LCS Date/Time Analyzed      | MS Lab No. Date/Time Analyzed |
|--|-----------------------|----------|---------------------------------|-----------------------------|-------------------------------|
| MS302  | OXY GC/MS Acids       | 140527-1 | 140527BLK1<br>05/30/14 0811     | 140527LCS1<br>05/30/14 0855 | 14051852MS<br>06/05/14 1218   |
| Lab numbers associated with this batch:<br>14051844 14051845 14051846 14051847 14051848 14051848R 14051849 14051850 14051851 14051852 14051853<br>14051854 14051855 14051856 14051857 14051858 14051859 14051860 14051861 14051863 |                       |          |                                 |                             |                               |
| MS302  | OXY GC/MS Acids       | 140529-6 | 140529BLK6<br>06/07/14 0255     | 140529LCS6<br>06/07/14 0338 | 14051865MS<br>06/07/14 0550   |
| Lab numbers associated with this batch:<br>14051864 14051865 14051866 14051867 14051868 14051869 14051870 14051870R 14051871 14051871R 14051872<br>14051873 14051874 14051875 14051876   |                       |          |                                 |                             |                               |
| MS350  | OXY Volatiles by 8260 | 1MS9149  | BLK1MS9149<br>05/29/14 1411     | LCS1MS9149<br>05/29/14 1321 | 14051852MS<br>05/29/14 1819   |
| Lab numbers associated with this batch:<br>14051844 14051845 14051846 14051847 14051848 14051849 14051850 14051851 14051852 14051853 14051854<br>14051855 14051856 14051857 14051858 14051859 14051860 14051861 14051862 14051863  |                       |          |                                 |                             |                               |
| MS350  | OXY Volatiles by 8260 | 1MS5150  | BLK1MS5150<br>05/30/14 1344     | LCS1MS5150<br>05/30/14 1252 | 14051865MS<br>05/30/14 1502   |
| Lab numbers associated with this batch:<br>14051864 14051865 14051868 14051869 14051870 14051876   |                       |          |                                 |                             |                               |
| MS350  | OXY Volatiles by 8260 | 1MS5154  | BLK1MS5154<br>06/03/14 1434     | LCS1MS5154<br>06/03/14 1343 | 14051871MS<br>06/03/14 1618   |
| Lab numbers associated with this batch:<br>14051866 14051867 14051871 14051872 14051873 14051874 14051875  |                       |          |                                 |                             |                               |
| SL323  | Hardness (Calculated) | 140528-4 | 140528BLK4<br>06/05/14 1741     | 140528LCS4<br>06/05/14 1745 | 14051852MS<br>06/05/14 1811   |
| Lab numbers associated with this batch:<br>14051844 14051846 14051849 14051850 14051852 14051853 14051854 14051855 14051859 14051863 14051864<br>14051866 14051867 14051869 14051870 14051871 14051873 14051874 14051875           |                       |          |                                 |                             |                               |
| SL323  | Hardness (Calculated) | 140528-5 | 140528BLK5<br>06/05/14 1939     | 140528LCS5<br>06/05/14 1943 | 14051865MS<br>06/05/14 2038   |
| Lab numbers associated with this batch:<br>14051845 14051847 14051848 14051851 14051856 14051857 14051858 14051860 14051861 14051865 14051868<br>14051872 14051876   |                       |          |                                 |                             |                               |
| GL502  | Chloride              | 1IC1154  | BLK1IC1154<br>06/03/14 1613     | LCS1IC1154<br>06/03/14 1626 | 14051502MS<br>06/03/14 1739   |
| Lab numbers associated with this batch:<br>14051844 14051845 14051846 14051847 14051848 14051849 14051850 14051851   |                       |          |                                 |                             |                               |
| GL502  | Chloride              | 1IC2152  | BLK1IC2152<br>06/01/14 1231     | LCS1IC2152<br>06/01/14 1245 | 14051872MS<br>06/01/14 1330   |
| Lab numbers associated with this batch:<br>14051871 14051872 14051873 14051874 14051875 14051876   |                       |          |                                 |                             |                               |

# Quality Control Report Batch Summary

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

| Test Code  | Testname | QC Batch | Method Blank Date/Time Analyzed | LCS Date/Time Analyzed      | MS Lab No. Date/Time Analyzed |
|--|----------|----------|---------------------------------|-----------------------------|-------------------------------|
| GL502  | Chloride | 2IC2155  | BLK2IC2155<br>06/04/14 1924     | LCS2IC2155<br>06/04/14 1939 | 14051852MS<br>06/05/14 0035   |
| Lab numbers associated with this batch:<br>14051852 14051853 14051854 14051855 14051856 14051857 14051858 14051860                   |          |          |                                 |                             |                               |
| GL502  | Chloride | 4IC2150  | BLK4IC2150<br>05/31/14 0253     | LCS4IC2150<br>05/31/14 0308 | 14051865MS<br>05/31/14 0933   |
| Lab numbers associated with this batch:<br>14051859 14051861 14051863 14051864 14051865 14051866 14051867 14051868 14051869 14051870 |          |          |                                 |                             |                               |

**Quality Control Report**  
**Method Blank, LCS, MS/MSD Data**

Page: 80

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

| Analysis                      | Blank      | % Rec   | Limits    | Spike | Spiked Sample |            |            | Limits    | Spike | Units | Spiked Sample  |       |
|-------------------------------|------------|---------|-----------|-------|---------------|------------|------------|-----------|-------|-------|----------------|-------|
|                               | Data       | LCS     |           | Level | MS            | MSD        | Level      |           | RPD   |       | Precision Data | Limit |
| <b>QC Batch: 140523-1</b>     |            |         |           |       |               |            |            |           |       |       |                |       |
| 2,4-Dichlorophenoxyacetic Aci | ND(1.0)    | 71.8    | 69.8-136  | 4.0   | µg/L          | 85.2       | 80.3       | 77.4-130  | 4.0   | µg/L  | 3.30           | 20.7  |
| <b>Surrogates:</b>            |            |         |           |       |               |            |            |           |       |       |                |       |
| 2,4-DICHLOROPHENYLACETIC ACID | 96.8       | 105     | 61.3-125  | 5.0   | µg/L          | 78.3       | 83.3       | 61.3-125  | 5.0   | µg/L  |                |       |
| <b>QC Batch: 140523-1</b>     |            |         |           |       |               |            |            |           |       |       |                |       |
| Pentachlorophenol             | ND(0.5)    | 101     | 74.9-121  | 4.0   | µg/L          | 96.6       | 97.8       | 10.5-152  | 4.0   | µg/L  | 3.80           | 16.3  |
| <b>Surrogates:</b>            |            |         |           |       |               |            |            |           |       |       |                |       |
| 2,4-DICHLOROPHENYLACETIC ACID | 96.8       | 105     | 61.3-125  | 5.0   | µg/L          | 100.       | 102        | 61.3-125  | 5.0   | µg/L  |                |       |
| <b>QC Batch: 140523-2</b>     |            |         |           |       |               |            |            |           |       |       |                |       |
| <b>OXY Chlorinated Hyd.</b>   |            |         |           |       |               |            |            |           |       |       |                |       |
| A-BHC                         | 0.008 J    | 107     | 79.1-131  | 0.50  | µg/L          | 94.8       | 100.       | 75.2-138  | 0.50  | µg/L  | 5.60           | 15.8  |
| B-BHC                         | ND(0.037)  | 107     | 75.0-135  | 0.50  | µg/L          | 97.0       | 106        | 72.4-137  | 0.50  | µg/L  | 8.70           | 17.5  |
| G-BHC                         | ND(0.052)  | 108     | 77.8-133  | 0.50  | µg/L          | 96.8       | 103        | 77.9-137  | 0.50  | µg/L  | 6.40           | 16.6  |
| Hexachloroethane              | ND(0.02)   | 96.8    | 46.8-125  | 0.50  | µg/L          | 84.0       | 86.0       | 31.6-131  | 0.50  | µg/L  | 2.40           | 22.6  |
| Hexachlorobutadiene           | ND(0.02)   | 95.0    | 41.2-130  | 0.50  | µg/L          | 82.4       | 77.4       | 29.4-129  | 0.50  | µg/L  | 6.20           | 25.6  |
| Hexachlorobenzene             | ND(0.10)   | 103     | 70.8-133  | 0.50  | µg/L          | 91.2       | 87.6       | 64.7-137  | 0.50  | µg/L  | 4.00           | 19.3  |
| D-BHC                         | ND(0.05)   | 99.4    | 76.9-150  | 0.50  | µg/L          | 86.2       | 96.6       | 73.2-157  | 0.50  | µg/L  | 11.4           | 17.1  |
| <b>Surrogates:</b>            |            |         |           |       |               |            |            |           |       |       |                |       |
| 1,4-DICHLORONAPHTHALENE       | 76.4       | 84.8    | 58.6-99.8 | 8.0   | µg/L          | 75.4       | 84.9       | 58.6-99.8 | 8.0   | µg/L  |                |       |
| <b>QC Batch: 140527-1</b>     |            |         |           |       |               |            |            |           |       |       |                |       |
| <b>OXY GC/MS Acids</b>        |            |         |           |       |               |            |            |           |       |       |                |       |
| 2-Chlorophenol                | ND(5.0)    | 83.3    | 70.2-103  | 50.0  | µg/L          | 75.8       | 86.6 MP    | 69.9-103  | 50.0  | µg/L  | 18.6           | 8.8   |
| 3-& 4-Chlorophenol            | ND(5.0)    | 68.6    | 60.2-90.2 | 50.0  | µg/L          | 60.4       | 71.1 MP    | 59.9-92.2 | 50.0  | µg/L  | 21.7           | 10.3  |
| 2,4-Dichlorophenol            | ND(5.0)    | 77.1    | 69.4-120  | 50.0  | µg/L          | 68.5       | 86.5 MP    | 67.9-124  | 50.0  | µg/L  | 28.5           | 12.8  |
| 2,5-Dichlorophenol            | ND(5.0)    | 92.7    | 74.7-110  | 50.0  | µg/L          | 86.9       | 92.9       | 77.0-100  | 50.0  | µg/L  | 11.9           | 14.7  |
| 2,6-Dichlorophenol            | ND(5.0)    | 88.0    | 75.6-115  | 50.0  | µg/L          | 80.0       | 93.1 MP    | 73.8-118  | 50.0  | µg/L  | 20.3           | 7.8   |
| 2,4,5-Trichlorophenol         | ND(5.0)    | 84.6    | 78.9-118  | 50.0  | µg/L          | 79.7 ML    | 89.7 MP    | 80.6-118  | 50.0  | µg/L  | 17.2           | 8.9   |
| 2,4,6-Trichlorophenol         | ND(5.0)    | 85.9    | 78.5-118  | 50.0  | µg/L          | 79.9       | 89.7 MP    | 79.4-120  | 50.0  | µg/L  | 16.9           | 9.9   |
| 2,3,4,5-Tetrachlorophenol     | ND(5.0) CE | 81.4 CE | 72.6-125  | 100   | µg/L          | 70.0 CE ML | 83.9 CE MP | 73.7-125  | 100   | µg/L  | 23.3           | 11.4  |
| 2,3,4,6-Tetrachlorophenol     | ND(5.0)    | 86.1    | 72.9-128  | 50.0  | µg/L          | 74.3 ML    | 88.7 MP    | 75.1-128  | 50.0  | µg/L  | 22.9           | 12.5  |
| <b>Surrogates:</b>            |            |         |           |       |               |            |            |           |       |       |                |       |
| PHENOL-d6                     | 32.1       | 32.4    | 22.3-43.0 | 150   | µg/L          | 27.6       | 33.8       | 22.3-43.0 | 150   | µg/L  |                |       |
| 2-FLUOROPHENOL                | 49.1       | 49.4    | 37.7-66.5 | 150   | µg/L          | 45.6       | 52.0       | 37.7-66.5 | 150   | µg/L  |                |       |
| 2,4,6-TRIBROMOPHENOL          | 80.5       | 89.0    | 56.7-128  | 150   | µg/L          | 77.1       | 91.3       | 56.7-128  | 150   | µg/L  |                |       |
| <b>QC Batch: 140527-2</b>     |            |         |           |       |               |            |            |           |       |       |                |       |
| <b>OXY Chlorinated Hyd.</b>   |            |         |           |       |               |            |            |           |       |       |                |       |
| A-BHC                         | 0.008 J    | 103     | 79.1-131  | 0.50  | µg/L          | 99.0       | 91.2       | 75.2-138  | 0.50  | µg/L  | 8.00           | 15.8  |
| B-BHC                         | ND(0.037)  | 106     | 75.0-135  | 0.50  | µg/L          | 106        | 95.6       | 72.4-137  | 0.50  | µg/L  | 10.1           | 17.5  |
| G-BHC                         | ND(0.052)  | 105     | 77.8-133  | 0.50  | µg/L          | 103        | 94.2       | 77.9-137  | 0.50  | µg/L  | 9.30           | 16.6  |
| Hexachloroethane              | ND(0.02)   | 77.8    | 46.8-125  | 0.50  | µg/L          | 77.4       | 71.8       | 31.6-131  | 0.50  | µg/L  | 7.10           | 22.6  |
| Hexachlorobutadiene           | ND(0.02)   | 69.0    | 41.2-130  | 0.50  | µg/L          | 68.2       | 71.2       | 29.4-129  | 0.50  | µg/L  | 4.20           | 25.6  |
| Hexachlorobenzene             | ND(0.10)   | 88.0    | 70.8-133  | 0.50  | µg/L          | 90.0       | 88.8       | 64.7-137  | 0.50  | µg/L  | 1.40           | 19.3  |
| D-BHC                         | ND(0.05)   | 114     | 76.9-150  | 0.50  | µg/L          | 95.0       | 84.0       | 73.2-157  | 0.50  | µg/L  | 12.3           | 17.1  |
| <b>Surrogates:</b>            |            |         |           |       |               |            |            |           |       |       |                |       |
| 1,4-DICHLORONAPHTHALENE       | 81.2       | 78.8    | 58.6-99.8 | 8.0   | µg/L          | 82.0       | 76.1       | 58.6-99.8 | 8.0   | µg/L  |                |       |
| <b>QC Batch: 140528-1</b>     |            |         |           |       |               |            |            |           |       |       |                |       |
| 2,4-Dichlorophenoxyacetic Aci | ND(1.0)    | 92.2    | 69.8-136  | 4.0   | µg/L          | 91.8       | 86.8       | 77.4-130  | 4.0   | µg/L  | 5.60           | 20.7  |
| <b>Surrogates:</b>            |            |         |           |       |               |            |            |           |       |       |                |       |
| 2,4-DICHLOROPHENYLACETIC ACID | 82.1       | 88.6    | 61.3-125  | 5.0   | µg/L          | 86.9       | 84.4       | 61.3-125  | 5.0   | µg/L  |                |       |

**Quality Control Report**  
**Method Blank, LCS, MS/MSD Data**

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

| Analysis                      | Blank   | % Rec   | Limits    | Spike | Spiked Sample                  |              | Limits  | Spike     | Spiked Sample |                |       |
|-------------------------------|---|---------|-----------|-------|--------------------------------|--------------|---------|-----------|---------------|----------------|-------|
|                               | Data  | LCS     |           | Level | Units                          | (% Recovery) |         | Level     | Units         | Precision Data | Limit |
| <b>QC Batch: 140528-1</b>     | <b>For samples prepared on: 05/28/2014 1200</b> |         |           |       | <b>Spiked sample: 14051865</b> |              |         |           |               |                |       |
| Pentachlorophenol             | ND(0.5)   | 96.5    | 74.9-121  | 4.0   | µg/L                           | 86.4         | 85.3    | 10.5-152  | 4.0           | µg/L           | 1.30  |
| <b>Surrogates:</b>            |   |         |           |       |                                |              |         |           |               |                |       |
| 2,4-DICHLOROPHENYLACETIC ACID | 82.1  | 88.6    | 61.3-125  | 5.0   | µg/L                           | 86.9         | 84.4    | 61.3-125  | 5.0           | µg/L           |       |
| <b>QC Batch: 140528-4</b>     | <b>For samples prepared on: 05/28/2014 0812</b> |         |           |       | <b>Spiked sample: 14051852</b> |              |         |           |               |                |       |
| Hardness (Calculated)         | ND(5.0)   | 86.7    | 80.0-120  | 357   | mg/L a                         | 84.0         | 78.4 ML | 80.0-120  | 357           | mg/L a         | 3.60  |
| <b>QC Batch: 140528-5</b>     | <b>For samples prepared on: 05/28/2014 0900</b> |         |           |       | <b>Spiked sample: 14051865</b> |              |         |           |               |                |       |
| Hardness (Calculated)         | ND(5.0)   | 90.5    | 80.0-120  | 357   | mg/L a                         | 91.1         | 76.4 ML | 80.0-120  | 357           | mg/L a         | 9.00  |
| <b>QC Batch: 140529-1</b>     | <b>For samples prepared on: 05/29/2014 0900</b> |         |           |       | <b>Spiked sample: 14051876</b> |              |         |           |               |                |       |
| OXY Chlorinated Hyd.          |   |         |           |       | N/A                            | F            | F       | N/A       | µg/L          |                |       |
| A-BHC                         | ND(0.011)                                       | 102     | 79.1-131  | 0.50  | µg/L                           | F            | F       | 75.2-138  | N/A           | µg/L           | **    |
| B-BHC                         | ND(0.037)                                       | 101     | 75.0-135  | 0.50  | µg/L                           | F            | F       | 72.4-137  | N/A           | µg/L           | **    |
| G-BHC                         | ND(0.052)                                       | 102     | 77.8-133  | 0.50  | µg/L                           | F            | F       | 77.9-137  | N/A           | µg/L           | **    |
| Hexachloroethane              | ND(0.02)  | 86.0    | 46.8-125  | 0.50  | µg/L                           | F            | F       | 31.6-131  | N/A           | µg/L           | **    |
| Hexachlorobutadiene           | 0.07 BK   | 78.0    | 41.2-130  | 0.50  | µg/L                           | F            | F       | 29.4-129  | N/A           | µg/L           | **    |
| Hexachlorobenzene             | ND(0.10)  | 92.0    | 70.8-133  | 0.50  | µg/L                           | F            | F       | 64.7-137  | N/A           | µg/L           | **    |
| D-BHC                         | ND(0.05)  | 89.8    | 76.9-150  | 0.50  | µg/L                           | F            | F       | 73.2-157  | N/A           | µg/L           | **    |
| <b>Surrogates:</b>            |   |         |           |       |                                |              |         |           |               |                |       |
| 1,4-DICHLORONAPHTHALENE       | 74.9  | 74.9    | 58.6-99.8 | 8.0   | µg/L                           |              |         | 58.6-99.8 | N/A           | µg/L           | **    |
| <b>QC Batch: 140529-5</b>     | <b>For samples prepared on: 05/29/2014 1230</b> |         |           |       | <b>Spiked sample: 14051876</b> |              |         |           |               |                |       |
| 2,4-Dichlorophenoxyacetic Aci | ND(1.0)   | 99.0    | 69.8-136  | 4.0   | µg/L                           | F            | F       | 77.4-130  | N/A           | µg/L           | **    |
| <b>Surrogates:</b>            |   |         |           |       |                                |              |         |           |               |                |       |
| 2,4-DICHLOROPHENYLACETIC ACID | 84.8  | 99.3    | 61.3-125  | 5.0   | µg/L                           |              |         | 61.3-125  | N/A           | µg/L           | **    |
| <b>QC Batch: 140529-5</b>     | <b>For samples prepared on: 05/29/2014 1230</b> |         |           |       | <b>Spiked sample: 14051876</b> |              |         |           |               |                |       |
| Pentachlorophenol             | ND(0.5)   | 105     | 74.9-121  | 4.0   | µg/L                           | F            | F       | 10.5-152  | N/A           | µg/L           | **    |
| <b>Surrogates:</b>            |   |         |           |       |                                |              |         |           |               |                |       |
| 2,4-DICHLOROPHENYLACETIC ACID | 84.8  | 99.3    | 61.3-125  | 5.0   | µg/L                           |              |         | 61.3-125  | N/A           | µg/L           | **    |
| <b>QC Batch: 140529-6</b>     | <b>For samples prepared on: 05/29/2014 1530</b> |         |           |       | <b>Spiked sample: 14051865</b> |              |         |           |               |                |       |
| OXY GC/MS Acids               |   |         |           |       | N/A                            |              |         | N/A       |               |                |       |
| 2-Chlorophenol                | ND(5.0)   | 87.1    | 70.2-103  | 50.0  | µg/L                           | 93.7         | 91.5    | 69.9-103  | 50.0          | µg/L           | 4.50  |
| 3& 4-Chlorophenol             | ND(5.0)   | 73.9    | 60.2-90.2 | 50.0  | µg/L                           | 79.0         | 74.9    | 59.9-92.2 | 50.0          | µg/L           | 7.40  |
| 2,4-Dichlorophenol            | ND(5.0)   | 86.1    | 69.4-120  | 50.0  | µg/L                           | 92.9         | 95.7    | 67.9-124  | 50.0          | µg/L           | 0.90  |
| 2,5-Dichlorophenol            | ND(5.0)   | 97.8    | 74.7-110  | 50.0  | µg/L                           | 105 MH       | 93.3    | 77.0-100  | 50.0          | µg/L           | 13.6  |
| 2,6-Dichlorophenol            | ND(5.0)   | 94.1    | 75.6-115  | 50.0  | µg/L                           | 103          | 95.9 MP | 73.8-118  | 50.0          | µg/L           | 8.80  |
| 2,4,5-Trichlorophenol         | ND(5.0)   | 94.6    | 78.9-118  | 50.0  | µg/L                           | 105          | 97.1 MP | 80.6-118  | 50.0          | µg/L           | 9.90  |
| 2,4,6-Trichlorophenol         | ND(5.0)   | 92.8    | 78.5-118  | 50.0  | µg/L                           | 102          | 95.4    | 79.4-120  | 50.0          | µg/L           | 9.00  |
| 2,3,4,5-Tetrachlorophenol     | ND(5.0) CE                                      | 91.2 CE | 72.6-125  | 100   | µg/L                           | 101 CE       | 92.0 CE | 73.7-125  | 100           | µg/L           | 11.2  |
| 2,3,4,6-Tetrachlorophenol     | ND(5.0)   | 90.7    | 72.9-128  | 50.0  | µg/L                           | 99.0         | 99.5    | 75.1-128  | 50.0          | µg/L           | 1.50  |
| <b>Surrogates:</b>            |   |         |           |       |                                |              |         |           |               |                |       |
| PHENOL-d6                     | 37.7  | 35.5    | 22.3-43.0 | 150   | µg/L                           | 36.8         | 35.5    | 22.3-43.0 | 150           | µg/L           |       |
| 2-FLUOROPHENOL                | 55.6  | 55.3    | 37.7-66.5 | 150   | µg/L                           | 55.7         | 54.9    | 37.7-66.5 | 150           | µg/L           |       |
| 2,4,6-TRIBROMOPHENOL          | 91.7  | 99.2    | 56.7-128  | 150   | µg/L                           | 107          | 101     | 56.7-128  | 150           | µg/L           |       |
| <b>QC Batch: 140609-7</b>     | <b>For samples prepared on: 06/09/2014 1130</b> |         |           |       | <b>Spiked sample:</b>          |              |         |           |               |                |       |
| OXY Chlorinated Hyd.          |   |         |           |       | N/A                            | MN           | MN      | N/A       |               |                |       |
| A-BHC                         | ND(0.011)                                       | 92.8    | 79.1-131  | 0.50  | µg/L                           |              |         | 75.2-138  | N/A           | µg/L           | **    |
| B-BHC                         | ND(0.037)                                       | 83.0    | 75.0-135  | 0.50  | µg/L                           |              |         | 72.4-137  | N/A           | µg/L           | **    |

**Quality Control Report**  
**Method Blank, LCS, MS/MSD Data**

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

| Analysis                     | Blank   | % Rec | Limits    | Spike | Spiked Sample |                                | Limits   | Spike     | Spiked Sample |      |                      |
|------------------------------|---|-------|-----------|-------|---------------|--------------------------------|----------|-----------|---------------|------|----------------------|
|                              | Data  | LCS   |           | Level | MS            | MSD                            |          | Level     | Units         | RPD  | Precision Data Limit |
| <b>QC Batch: 140609-7</b>    | <b>For samples prepared on: 06/09/2014 1130</b> |       |           |       |               | <b>Spiked sample:</b>          |          |           |               |      |                      |
| G-BHC                        | ND(0.052)                                       | 88.2  | 77.8-133  | 0.50  | µg/L          |                                | 77.9-137 | N/A       | µg/L          | **   | 16.6                 |
| Hexachloroethane             | ND(0.02)  | 75.2  | 46.8-125  | 0.50  | µg/L          |                                | 31.6-131 | N/A       | µg/L          | **   | 22.6                 |
| Hexachlorobutadiene          | ND(0.02)  | 72.8  | 41.2-130  | 0.50  | µg/L          |                                | 29.4-129 | N/A       | µg/L          | **   | 25.6                 |
| Hexachlorobenzene            | ND(0.10)  | 82.0  | 70.8-133  | 0.50  | µg/L          |                                | 64.7-137 | N/A       | µg/L          | **   | 19.3                 |
| D-BHC                        | ND(0.05)  | 86.8  | 76.9-150  | 0.50  | µg/L          |                                | 73.2-157 | N/A       | µg/L          | **   | 17.1                 |
| <b>Surrogates:</b>           |   |       |           |       |               |                                |          |           |               |      |                      |
| 1,4-DICHLORONAPHTHALENE      | 76.7  | 71.6  | 58.6-99.8 | 8.0   | µg/L          | MN                             | MN       | 58.6-99.8 | N/A           | µg/L | **                   |
| <b>QC Batch: IIC1154</b>     | <b>For sample analyzed on: 06/03/2014</b>       |       |           |       |               | <b>Spiked sample: 14051502</b> |          |           |               |      |                      |
| Chloride                     | ND(1.0)   | 103   | 90.0-110  | 4.0   | mg/L          | MN                             | MN       | 71.9-123  | 40.0          | mg/L | ** 5.2               |
| <b>QC Batch: IIC2152</b>     | <b>For sample analyzed on: 06/01/2014</b>       |       |           |       |               | <b>Spiked sample: 14051872</b> |          |           |               |      |                      |
| Chloride                     | ND(1.0)   | 102   | 90.0-110  | 4.0   | mg/L          | 103                            | 99.8     | 71.9-123  | 40.0          | mg/L | 1.20 5.2             |
| <b>QC Batch: 1MSS150</b>     | <b>For sample analyzed on: 05/30/2014</b>       |       |           |       |               | <b>Spiked sample: 14051865</b> |          |           |               |      |                      |
| <b>OXY Volatiles by 8260</b> |   |       |           |       |               |                                |          |           |               |      |                      |
| 1,1,1-Trichloroethane        | ND(0.5)   | 98.2  | 81.5-118  | 10.0  | µg/L          | 97.6                           | 105      | 80.9-119  | 50.0          | µg/L | 7.40 8.0             |
| 1,2-Dichloroethane           | ND(0.5)   | 91.4  | 74.4-117  | 10.0  | µg/L          | 90.8                           | 92.4     | 76.0-121  | 50.0          | µg/L | 1.70 10.3            |
| Benzene                      | ND(0.5)   | 95.9  | 84.4-112  | 10.0  | µg/L          | 93.7                           | 96.7     | 79.1-119  | 50.0          | µg/L | 3.20 6.3             |
| Carbon tetrachloride         | ND(0.5)   | 97.4  | 81.7-124  | 10.0  | µg/L          | 108                            | 95.9     | 79.4-126  | 50.0          | µg/L | 3.70 8.3             |
| Chloroform                   | ND(0.5)   | 96.1  | 75.7-112  | 10.0  | µg/L          | 92.2                           | 94.5     | 72.9-119  | 50.0          | µg/L | 2.20 8.1             |
| Chloromethane                | ND(0.5)   | 87.8  | 72.2-129  | 10.0  | µg/L          | 91.4                           | 97.8     | 67.0-134  | 50.0          | µg/L | 6.80 11.7            |
| Methylene chloride           | ND(0.5)   | 92.9  | 77.0-112  | 10.0  | µg/L          | 91.4                           | 91.9     | 75.6-117  | 50.0          | µg/L | 0.50 10.5            |
| Tetrachloroethylene          | ND(0.5)   | 93.2  | 87.4-118  | 10.0  | µg/L          | 97.1                           | 96.0     | 83.0-120  | 50.0          | µg/L | 1.10 8.2             |
| Trichloroethylene            | ND(0.5)   | 99.2  | 82.5-115  | 10.0  | µg/L          | 96.3                           | 97.6     | 82.9-118  | 50.0          | µg/L | 1.30 8.3             |
| Vinyl chloride               | ND(0.5)   | 91.4  | 76.6-130  | 10.0  | µg/L          | 93.6                           | 95.1     | 73.1-135  | 50.0          | µg/L | 1.60 12.6            |
| 1,2-Dichloropropane          | ND(0.5)   | 92.4  | 80.8-112  | 10.0  | µg/L          | 91.7                           | 95.8     | 81.1-116  | 50.0          | µg/L | 4.40 9.9             |
| <b>Surrogates:</b>           |   |       |           |       |               |                                |          |           |               |      |                      |
| 1,2-DICHLOROETHANE-d4        | 105   | 96.4  | 74.9-126  | 10.0  | µg/L          | 98.4                           | 98.0     | 74.9-126  | 50.0          | µg/L |                      |
| TOLUENE-d8                   | 104   | 100.  | 90.5-117  | 10.0  | µg/L          | 104                            | 102      | 90.5-117  | 50.0          | µg/L |                      |
| <b>QC Batch: 1MSS154</b>     | <b>For sample analyzed on: 06/03/2014</b>       |       |           |       |               | <b>Spiked sample: 14051871</b> |          |           |               |      |                      |
| <b>OXY Volatiles by 8260</b> |   |       |           |       |               |                                |          |           |               |      |                      |
| 1,1,1-Trichloroethane        | ND(0.5)   | 101   | 81.5-118  | 10.0  | µg/L          | 97.4                           | 106 MP   | 80.9-119  | 10000         | µg/L | 8.50 8.0             |
| 1,2-Dichloroethane           | ND(0.5)   | 97.9  | 74.4-117  | 10.0  | µg/L          | 94.6                           | 92.7     | 76.0-121  | 10000         | µg/L | 1.60 10.3            |
| Benzene                      | ND(0.5)   | 97.2  | 84.4-112  | 10.0  | µg/L          | 97.5                           | 97.4     | 79.1-119  | 10000         | µg/L | 0.10 6.3             |
| Carbon tetrachloride         | ND(0.5)   | 105   | 81.7-124  | 10.0  | µg/L          | 98.4                           | 100.     | 79.4-126  | 10000         | µg/L | 0.60 8.3             |
| Chloroform                   | ND(0.5)   | 101   | 75.7-112  | 10.0  | µg/L          | 93.2                           | 85.7     | 72.9-119  | 10000         | µg/L | 2.20 8.1             |
| Chloromethane                | ND(0.5)   | 87.9  | 72.2-129  | 10.0  | µg/L          | 94.4                           | 96.4     | 67.0-134  | 10000         | µg/L | 2.10 11.7            |
| Methylene chloride           | ND(0.5)   | 94.8  | 77.0-112  | 10.0  | µg/L          | 88.4                           | 90.7     | 75.6-117  | 10000         | µg/L | 2.00 10.5            |
| Tetrachloroethylene          | ND(0.5)   | 95.0  | 87.4-118  | 10.0  | µg/L          | 95.9                           | 90.1     | 83.0-120  | 10000         | µg/L | 3.10 8.2             |
| Trichloroethylene            | ND(0.5)   | 103   | 82.5-115  | 10.0  | µg/L          | 105                            | 102      | 82.9-118  | 10000         | µg/L | 2.80 8.3             |
| Vinyl chloride               | ND(0.5)   | 92.5  | 76.6-130  | 10.0  | µg/L          | 96.0                           | 99.7     | 73.1-135  | 10000         | µg/L | 3.80 12.6            |
| 1,2-Dichloropropane          | ND(0.5)   | 95.0  | 80.8-112  | 10.0  | µg/L          | 96.2                           | 95.0     | 81.1-116  | 10000         | µg/L | 1.00 9.9             |
| <b>Surrogates:</b>           |   |       |           |       |               |                                |          |           |               |      |                      |
| 1,2-DICHLOROETHANE-d4        | 96.9  | 98.5  | 74.9-126  | 10.0  | µg/L          | 97.1                           | 97.2     | 74.9-126  | 10000         | µg/L |                      |
| TOLUENE-d8                   | 102   | 105   | 90.5-117  | 10.0  | µg/L          | 104                            | 100.     | 90.5-117  | 10000         | µg/L |                      |
| <b>QC Batch: 1MS9149</b>     | <b>For sample analyzed on: 05/29/2014</b>       |       |           |       |               | <b>Spiked sample: 14051852</b> |          |           |               |      |                      |
| <b>OXY Volatiles by 8260</b> |   |       |           |       |               |                                |          |           |               |      |                      |
| 1,1,1-Trichloroethane        | ND(0.5)   | 96.6  | 81.5-118  | 10.0  | µg/L          | 96.9                           | 99.6     | 80.9-119  | 10.0          | µg/L | 2.70 8.0             |
| 1,2-Dichloroethane           | ND(0.5)   | 92.2  | 74.4-117  | 10.0  | µg/L          | 95.0                           | 92.4     | 76.0-121  | 10.0          | µg/L | 2.80 10.3            |

**Quality Control Report  
Method Blank, LCS, MS/MSD Data**

Page: 83

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

| Analysis                 | Blank   | % Rec | Spike Level | Spiked Sample (% Recovery) |      | Limits | Spike Level | Spiked Sample Precision Data |      |       |      |      |
|--------------------------|---------|-------|-------------|----------------------------|------|--------|-------------|------------------------------|------|-------|------|------|
|                          | Data    | LCS   |             | Units                      | MS   |        |             | Units                        | RPD  | Limit |      |      |
| <b>QC Batch: 1MS9149</b> |         |       |             |                            |      |        |             |                              |      |       |      |      |
| Benzene                  | ND(0.5) | 91.6  | 84.4-112    | 10.0                       | µg/L | 94.0   | 95.0        | 79.1-119                     | 10.0 | µg/L  | 1.10 | 6.3  |
| Carbon tetrachloride     | ND(0.5) | 96.5  | 81.7-124    | 10.0                       | µg/L | 95.1   | 99.8        | 79.4-126                     | 10.0 | µg/L  | 4.80 | 8.3  |
| Chloroform               | ND(0.5) | 92.0  | 75.7-112    | 10.0                       | µg/L | 96.2   | 93.9        | 72.9-119                     | 10.0 | µg/L  | 2.40 | 8.1  |
| Chloromethane            | ND(0.5) | 105   | 72.2-129    | 10.0                       | µg/L | 104    | 104         | 67.0-134                     | 10.0 | µg/L  | 0.20 | 11.7 |
| Methylene chloride       | ND(0.5) | 91.3  | 77.0-112    | 10.0                       | µg/L | 92.1   | 91.7        | 75.6-117                     | 10.0 | µg/L  | 0.40 | 10.5 |
| Tetrachloroethylene      | ND(0.5) | 104   | 87.4-118    | 10.0                       | µg/L | 102    | 101         | 83.0-120                     | 10.0 | µg/L  | 0.90 | 8.2  |
| Trichloroethylene        | ND(0.5) | 96.5  | 82.5-115    | 10.0                       | µg/L | 89.4   | 98.7 MP     | 82.9-118                     | 10.0 | µg/L  | 9.90 | 8.3  |
| Vinyl chloride           | ND(0.5) | 98.8  | 76.6-130    | 10.0                       | µg/L | 101    | 102         | 73.1-135                     | 10.0 | µg/L  | 0.50 | 12.6 |
| 1,2-Dichloropropane      | ND(0.5) | 90.6  | 80.8-112    | 10.0                       | µg/L | 94.6   | 95.3        | 81.1-116                     | 10.0 | µg/L  | 0.70 | 9.9  |
| <b>Surrogates:</b>       |         |       |             |                            |      |        |             |                              |      |       |      |      |
| 1,2-DICHLOROETHANE-d4    | 90.1    | 86.5  | 74.9-126    | 10.0                       | µg/L | 93.0   | 91.9        | 74.9-126                     | 10.0 | µg/L  |      |      |
| TOLUENE-d8               | 101     | 109   | 90.5-117    | 10.0                       | µg/L | 107    | 109         | 90.5-117                     | 10.0 | µg/L  |      |      |
| <b>QC Batch: 2IC2155</b> |         |       |             |                            |      |        |             |                              |      |       |      |      |
| Chloride                 | ND(1.0) | 105   | 90.0-110    | 4.0                        | mg/L | 102    | 99.9        | 71.9-123                     | 40.0 | mg/L  | 0.70 | 5.2  |
| <b>QC Batch: 4IC2150</b> |         |       |             |                            |      |        |             |                              |      |       |      |      |
| Chloride                 | ND(1.0) | 102   | 90.0-110    | 4.0                        | mg/L | 92.0   | 82.4        | 71.9-123                     | 40.0 | mg/L  | 2.30 | 5.2  |

Data Qualifiers:

J - The concentration or not detected (ND) value is below the Limit of Quantitation (LOQ) and is considered an estimated value.

MP - The MS/MSD recoveries for this analyte exceeded the method or laboratory precision control limit. The reported sample concentration is estimated.

ML - The matrix spike and/or matrix spike duplicate recovery for this analyte was below the method or laboratory control limit. See LCS data for the basis for acceptance of this sample. The reported sample concentration is estimated.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

F - MS and/or MSD sample data are not available due to insufficient sample volume.

BK - This analyte did not meet method blank criteria. The associated sample results may be estimated.

MH - The matrix spike and/or matrix spike duplicate recovery for this analyte was above the method or laboratory control limit. See LCS data for the basis for acceptance of this sample. The reported sample concentration is estimated.

MN - The MS/MSD sample analyses were not performed on a sample from this Continental order number.

\*\* - RPD calculation not applicable/not available for this analysis.

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

| <b>Surrogate</b>                                | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|---|----------------------|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14051844</b>                     |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05202014-JR-MW22S2</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/23/2014           | 06/04/2014           | 5.0                | µg/L         | 99.8              | 61.3-125                   |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/23/2014           | 06/04/2014           | 5.0                | µg/L         | 99.8              | 61.3-125                   |
| OXY Chlorinated Hyd.                            |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                         | 05/23/2014           | 06/05/2014           | 8.0                | µg/L         | 82.6              | 58.6-99.8                  |
| OXY GC/MS Acids                                 |                      |                      |                    |              |                   |                            |
| PHENOL-d6                                       | 05/27/2014           | 06/04/2014           | 150                | µg/L         | 31.9              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                  | 05/27/2014           | 06/04/2014           | 150                | µg/L         | 51.2              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 05/27/2014           | 06/04/2014           | 150                | µg/L         | 83.1              | 56.7-128                   |
| OXY Volatiles by 8260                           |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                           |                      | 05/29/2014           | 1000               | µg/L         | 91.7              | 74.9-126                   |
| TOLUENE-d8                                      |                      | 05/29/2014           | 1000               | µg/L         | 106               | 90.5-117                   |
| <b>Lab Number: 14051845</b>                     |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05202014-JR-FD6</b>    |                      |                      |                    |              |                   |                            |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/23/2014           | 06/04/2014           | 5.0                | µg/L         | 97.3              | 61.3-125                   |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/23/2014           | 06/04/2014           | 5.0                | µg/L         | 97.3              | 61.3-125                   |
| OXY Chlorinated Hyd.                            |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                         | 05/23/2014           | 06/05/2014           | 8.0                | µg/L         | 77.8              | 58.6-99.8                  |
| OXY GC/MS Acids                                 |                      |                      |                    |              |                   |                            |
| PHENOL-d6                                       | 05/27/2014           | 06/04/2014           | 150                | µg/L         | 32.1              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                  | 05/27/2014           | 06/04/2014           | 150                | µg/L         | 52.1              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 05/27/2014           | 06/04/2014           | 150                | µg/L         | 85.2              | 56.7-128                   |
| OXY Volatiles by 8260                           |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                           |                      | 05/29/2014           | 1000               | µg/L         | 84.4              | 74.9-126                   |
| TOLUENE-d8                                      |                      | 05/29/2014           | 1000               | µg/L         | 102               | 90.5-117                   |
| <b>Lab Number: 14051846</b>                     |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05202014-JR-MW19S1</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/23/2014           | 06/06/2014           | 5.0                | µg/L         | 80.8              | 61.3-125                   |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/23/2014           | 06/04/2014           | 5.0                | µg/L         | 104               | 61.3-125                   |
| OXY Chlorinated Hyd.                            |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                         | 05/23/2014           | 06/05/2014           | 8.0                | µg/L         | 58.8              | 58.6-99.8                  |
| OXY GC/MS Acids                                 |                      |                      |                    |              |                   |                            |
| PHENOL-d6                                       | 05/27/2014           | 06/04/2014           | 150                | µg/L         | 28.6              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                  | 05/27/2014           | 06/04/2014           | 150                | µg/L         | 46.9              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 05/27/2014           | 06/04/2014           | 150                | µg/L         | 82.4              | 56.7-128                   |
| OXY Volatiles by 8260                           |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                           |                      | 05/29/2014           | 40                 | µg/L         | 91.1              | 74.9-126                   |
| TOLUENE-d8                                      |                      | 05/29/2014           | 40                 | µg/L         | 102               | 90.5-117                   |
| <b>Lab Number: 14051847</b>                     |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05212014-JR-MW05S3</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/28/2014           | 06/06/2014           | 5.0                | µg/L         | 79.9              | 61.3-125                   |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/28/2014           | 06/06/2014           | 5.0                | µg/L         | 79.9              | 61.3-125                   |
| OXY Chlorinated Hyd.                            |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                         | 05/27/2014           | 06/06/2014           | 8.0                | µg/L         | 75.9              | 58.6-99.8                  |
| OXY GC/MS Acids                                 |                      |                      |                    |              |                   |                            |
| PHENOL-d6                                       | 05/27/2014           | 06/04/2014           | 150                | µg/L         | 30.4              | 22.3-43.0                  |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

| <b>Surrogate</b>                                | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|---|----------------------|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14051847</b>                     |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05212014-JR-MW05S3</b> |                      |                      |                    |              |                   |                            |
| OXY GC/MS Acids                                 |                      |                      |                    |              |                   |                            |
| 2-FLUOROPHENOL                                  | 05/27/2014           | 06/04/2014           | 150                | µg/L         | 49.3              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 05/27/2014           | 06/04/2014           | 150                | µg/L         | 87.8              | 56.7-128                   |
| OXY Volatiles by 8260                           |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                           |                      | 05/29/2014           | 10                 | µg/L         | 91.8              | 74.9-126                   |
| TOLUENE-d8                                      |                      | 05/29/2014           | 10                 | µg/L         | 104               | 90.5-117                   |
| <b>Lab Number: 14051848</b>                     |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05212014-JR-MW19S2</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/28/2014           | 06/07/2014           | 5.0                | µg/L         | C                 | 61.3-125                   |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/28/2014           | 06/09/2014           | 5.0                | µg/L         | 202 SI            | 61.3-125                   |
| OXY Chlorinated Hyd.                            |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                         | 05/27/2014           | 06/06/2014           | 8.0                | µg/L         | C                 | 58.6-99.8                  |
| OXY GC/MS Acids                                 |                      |                      |                    |              |                   |                            |
| PHENOL-d6                                       | 05/27/2014           | 06/04/2014           | 150                | µg/L         | 33.7              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                  | 05/27/2014           | 06/04/2014           | 150                | µg/L         | 51.7              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 05/27/2014           | 06/04/2014           | 150                | µg/L         | 96.5              | 56.7-128                   |
| OXY Volatiles by 8260                           |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                           |                      | 05/29/2014           | 1000               | µg/L         | 94.7              | 74.9-126                   |
| TOLUENE-d8                                      |                      | 05/29/2014           | 1000               | µg/L         | 102               | 90.5-117                   |
| <b>Lab Number: 14051848R</b>                    |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05212014-JR-MW19S2</b> |                      |                      |                    |              |                   |                            |
| Acid  |                      |                      |                    |              |                   |                            |
| PHENOL-d6                                       | 05/27/2014           | 06/05/2014           | 150                | µg/L         | 33.7              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                  | 05/27/2014           | 06/05/2014           | 150                | µg/L         | 55.3              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 05/27/2014           | 06/05/2014           | 150                | µg/L         | 90.6              | 56.7-128                   |
| <b>Lab Number: 14051849</b>                     |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05212014-JR-MW18S1</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/28/2014           | 06/10/2014           | 5.0                | µg/L         | 89.3              | 61.3-125                   |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/28/2014           | 06/10/2014           | 5.0                | µg/L         | C                 | 61.3-125                   |
| OXY Chlorinated Hyd.                            |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                         | 05/27/2014           | 06/06/2014           | 8.0                | µg/L         | MO SI             | 58.6-99.8                  |
| OXY GC/MS Acids                                 |                      |                      |                    |              |                   |                            |
| PHENOL-d6                                       | 05/27/2014           | 06/06/2014           | 150                | µg/L         | 23.4              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                  | 05/27/2014           | 06/06/2014           | 150                | µg/L         | 31.9 SL           | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 05/27/2014           | 06/06/2014           | 150                | µg/L         | 88.9              | 56.7-128                   |
| OXY Volatiles by 8260                           |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                           |                      | 05/29/2014           | 20000              | µg/L         | 91.7              | 74.9-126                   |
| TOLUENE-d8                                      |                      | 05/29/2014           | 20000              | µg/L         | 103               | 90.5-117                   |
| <b>Lab Number: 14051849R</b>                    |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05212014-JR-MW18S1</b> |                      |                      |                    |              |                   |                            |
| Chlorinated Hydrocarbons                        |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                         | 05/27/2014           | 06/06/2014           | 8.0                | µg/L         | C                 | 58.6-99.8                  |
| <b>Lab Number: 14051850</b>                     |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05212014-JR-MW18S3</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/28/2014           | 06/10/2014           | 5.0                | µg/L         | 85.7              | 61.3-125                   |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/28/2014           | 06/09/2014           | 5.0                | µg/L         | C                 | 61.3-125                   |
| OXY Chlorinated Hyd.                            |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                         | 05/27/2014           | 06/06/2014           | 8.0                | µg/L         | C                 | 58.6-99.8                  |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

| <b>Surrogate</b>                                | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|---|----------------------|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14051850</b>                     |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05212014-JR-MW18S3</b> |                      |                      |                    |              |                   |                            |
| OXY GC/MS Acids                                 |                      |                      |                    |              |                   |                            |
| PHENOL-d6                                       | 05/27/2014           | 06/05/2014           | 150                | µg/L         | 21.1 SL           | 22.3-43.0                  |
| 2-FLUOROPHENOL                                  | 05/27/2014           | 06/05/2014           | 150                | µg/L         | 37.0 SL           | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 05/27/2014           | 06/05/2014           | 150                | µg/L         | 82.1              | 56.7-128                   |
| OXY Volatiles by 8260                           |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                           |                      | 05/29/2014           | 40000              | µg/L         | 90.4              | 74.9-126                   |
| TOLUENE-d8                                      |                      | 05/29/2014           | 40000              | µg/L         | 105               | 90.5-117                   |
| <b>Lab Number: 14051851</b>                     |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05212014-JR-MW19S4</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/28/2014           | 06/09/2014           | 5.0                | µg/L         | 50.6 SI           | 61.3-125                   |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/28/2014           | 06/09/2014           | 5.0                | µg/L         | 50.6 SI           | 61.3-125                   |
| OXY Chlorinated Hyd.                            |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                         | 05/27/2014           | 06/06/2014           | 8.0                | µg/L         | 149 SI            | 58.6-99.8                  |
| OXY GC/MS Acids                                 |                      |                      |                    |              |                   |                            |
| PHENOL-d6                                       | 05/27/2014           | 06/10/2014           | 150                | µg/L         | 31.3              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                  | 05/27/2014           | 06/10/2014           | 150                | µg/L         | 47.4              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 05/27/2014           | 06/10/2014           | 150                | µg/L         | 75.4 IM           | 56.7-128                   |
| OXY Volatiles by 8260                           |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                           |                      | 05/29/2014           | 10000              | µg/L         | 93.0              | 74.9-126                   |
| TOLUENE-d8                                      |                      | 05/29/2014           | 10000              | µg/L         | 103               | 90.5-117                   |
| <b>Lab Number: 14051851R</b>                    |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05212014-JR-MW19S4</b> |                      |                      |                    |              |                   |                            |
| Chlorinated Hydrocarbons                        |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                         | 05/27/2014           | 06/09/2014           | 8.0                | µg/L         | C                 | 58.6-99.8                  |
| <b>Lab Number: 14051852</b>                     |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05202014-AK-AMW104</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/23/2014           | 06/06/2014           | 5.0                | µg/L         | 79.7              | 61.3-125                   |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/23/2014           | 06/04/2014           | 5.0                | µg/L         | 102               | 61.3-125                   |
| OXY Chlorinated Hyd.                            |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                         | 05/23/2014           | 06/05/2014           | 8.0                | µg/L         | 80.3              | 58.6-99.8                  |
| OXY GC/MS Acids                                 |                      |                      |                    |              |                   |                            |
| PHENOL-d6                                       | 05/27/2014           | 06/05/2014           | 150                | µg/L         | 30.4              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                  | 05/27/2014           | 06/05/2014           | 150                | µg/L         | 48.2              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 05/27/2014           | 06/05/2014           | 150                | µg/L         | 83.2              | 56.7-128                   |
| OXY Volatiles by 8260                           |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                           |                      | 05/29/2014           | 10                 | µg/L         | 94.3              | 74.9-126                   |
| TOLUENE-d8                                      |                      | 05/29/2014           | 10                 | µg/L         | 103               | 90.5-117                   |
| <b>Lab Number: 14051853</b>                     |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05202014-AK-AMW3</b>   |                      |                      |                    |              |                   |                            |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/23/2014           | 06/04/2014           | 5.0                | µg/L         | 99.7              | 61.3-125                   |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 05/23/2014           | 06/04/2014           | 5.0                | µg/L         | 99.7              | 61.3-125                   |
| OXY Chlorinated Hyd.                            |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                         | 05/23/2014           | 06/05/2014           | 8.0                | µg/L         | 83.2              | 58.6-99.8                  |
| OXY GC/MS Acids                                 |                      |                      |                    |              |                   |                            |
| PHENOL-d6                                       | 05/27/2014           | 06/05/2014           | 150                | µg/L         | 30.3              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                  | 05/27/2014           | 06/05/2014           | 150                | µg/L         | 48.3              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 05/27/2014           | 06/05/2014           | 150                | µg/L         | 86.7              | 56.7-128                   |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

| <b>Surrogate</b>              | <b>Date Prepared</b>                             | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|-------------------------------|--|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14051853</b>   | <b>Sample Description:WG-05202014-AK-AMW3</b>    |                      |                    |              |                   |                            |
| OXY Volatiles by 8260         |  |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |  | 05/29/2014           | 10                 | µg/L         | 94.1              | 74.9-126                   |
| TOLUENE-d8                    |  | 05/29/2014           | 10                 | µg/L         | 101               | 90.5-117                   |
| <b>Lab Number: 14051854</b>   | <b>Sample Description:WG-05202014-AK-MW15S2</b>  |                      |                    |              |                   |                            |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/23/2014                                       | 06/04/2014           | 5.0                | µg/L         | 97.9              | 61.3-125                   |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/23/2014                                       | 06/04/2014           | 5.0                | µg/L         | 97.9              | 61.3-125                   |
| OXY Chlorinated Hyd.          |  |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/23/2014                                       | 06/05/2014           | 8.0                | µg/L         | 80.7              | 58.6-99.8                  |
| OXY GC/MS Acids               |  |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/27/2014                                       | 06/05/2014           | 150                | µg/L         | 28.8              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/27/2014                                       | 06/05/2014           | 150                | µg/L         | 46.6              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/27/2014                                       | 06/05/2014           | 150                | µg/L         | 81.4              | 56.7-128                   |
| OXY Volatiles by 8260         |  |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |  | 05/29/2014           | 200                | µg/L         | 95.8              | 74.9-126                   |
| TOLUENE-d8                    |  | 05/29/2014           | 200                | µg/L         | 102               | 90.5-117                   |
| <b>Lab Number: 14051855</b>   | <b>Sample Description:WG-05202014-AK-MW12S1A</b> |                      |                    |              |                   |                            |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/23/2014                                       | 06/04/2014           | 5.0                | µg/L         | 111               | 61.3-125                   |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/23/2014                                       | 06/04/2014           | 5.0                | µg/L         | 111               | 61.3-125                   |
| OXY Chlorinated Hyd.          |  |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/23/2014                                       | 06/05/2014           | 8.0                | µg/L         | 164 SI            | 58.6-99.8                  |
| OXY GC/MS Acids               |  |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/27/2014                                       | 06/05/2014           | 150                | µg/L         | 31.7              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/27/2014                                       | 06/05/2014           | 150                | µg/L         | 49.9              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/27/2014                                       | 06/05/2014           | 150                | µg/L         | 92.1              | 56.7-128                   |
| OXY Volatiles by 8260         |  |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |  | 05/29/2014           | 10000              | µg/L         | 94.2              | 74.9-126                   |
| TOLUENE-d8                    |  | 05/29/2014           | 10000              | µg/L         | 103               | 90.5-117                   |
| <b>Lab Number: 14051856</b>   | <b>Sample Description:WG-05212014-AK-AMW108S</b> |                      |                    |              |                   |                            |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/28/2014                                       | 06/07/2014           | 5.0                | µg/L         | 84.0              | 61.3-125                   |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/28/2014                                       | 06/07/2014           | 5.0                | µg/L         | 84.0              | 61.3-125                   |
| OXY Chlorinated Hyd.          |  |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/27/2014                                       | 06/06/2014           | 8.0                | µg/L         | 76.7              | 58.6-99.8                  |
| OXY GC/MS Acids               |  |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/27/2014                                       | 06/05/2014           | 150                | µg/L         | 31.3              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/27/2014                                       | 06/05/2014           | 150                | µg/L         | 49.1              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/27/2014                                       | 06/05/2014           | 150                | µg/L         | 88.5              | 56.7-128                   |
| OXY Volatiles by 8260         |  |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |  | 05/29/2014           | 10                 | µg/L         | 96.8              | 74.9-126                   |
| TOLUENE-d8                    |  | 05/29/2014           | 10                 | µg/L         | 106               | 90.5-117                   |
| <b>Lab Number: 14051857</b>   | <b>Sample Description:WG-05212014-AK-AMW108D</b> |                      |                    |              |                   |                            |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/28/2014                                       | 06/07/2014           | 5.0                | µg/L         | 82.2              | 61.3-125                   |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/28/2014                                       | 06/07/2014           | 5.0                | µg/L         | 82.2              | 61.3-125                   |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

| <b>Surrogate</b>              | <b>Date Prepared</b> | <b>Date Analyzed</b>                             | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|-------------------------------|----------------------|--|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14051857</b>   |                      | <b>Sample Description:WG-05212014-AK-AMW108D</b> |                    |              |                   |                            |
| OXY Chlorinated Hyd.          |                      |  |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/27/2014           | 06/06/2014                                       | 8.0                | µg/L         | 78.5              | 58.6-99.8                  |
| OXY GC/MS Acids               |                      |  |                    |              |                   |                            |
| PHENOL-d6                     | 05/27/2014           | 06/05/2014                                       | 150                | µg/L         | 30.8              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/27/2014           | 06/05/2014                                       | 150                | µg/L         | 48.7              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/27/2014           | 06/05/2014                                       | 150                | µg/L         | 83.3              | 56.7-128                   |
| OXY Volatiles by 8260         |                      |  |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |                      | 05/29/2014                                       | 10                 | µg/L         | 91.7              | 74.9-126                   |
| TOLUENE-d8                    |                      | 05/29/2014                                       | 10                 | µg/L         | 102               | 90.5-117                   |
| <b>Lab Number: 14051858</b>   |                      | <b>Sample Description:WG-05212014-AK-AMW101I</b> |                    |              |                   |                            |
| Herbicides                    |                      |  |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/28/2014           | 06/07/2014                                       | 5.0                | µg/L         | 97.3              | 61.3-125                   |
| Herbicides                    |                      |  |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/28/2014           | 06/07/2014                                       | 5.0                | µg/L         | 97.3              | 61.3-125                   |
| OXY Chlorinated Hyd.          |                      |  |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/27/2014           | 06/06/2014                                       | 8.0                | µg/L         | 74.2              | 58.6-99.8                  |
| OXY GC/MS Acids               |                      |  |                    |              |                   |                            |
| PHENOL-d6                     | 05/27/2014           | 06/05/2014                                       | 150                | µg/L         | 29.8              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/27/2014           | 06/05/2014                                       | 150                | µg/L         | 48.1              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/27/2014           | 06/05/2014                                       | 150                | µg/L         | 88.8              | 56.7-128                   |
| OXY Volatiles by 8260         |                      |  |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |                      | 05/29/2014                                       | 10                 | µg/L         | 99.2              | 74.9-126                   |
| TOLUENE-d8                    |                      | 05/29/2014                                       | 10                 | µg/L         | 104               | 90.5-117                   |
| <b>Lab Number: 14051859</b>   |                      | <b>Sample Description:WG-05212014-AK-AMW101S</b> |                    |              |                   |                            |
| Herbicides                    |                      |  |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/28/2014           | 06/09/2014                                       | 5.0                | µg/L         | 87.0              | 61.3-125                   |
| Herbicides                    |                      |  |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/28/2014           | 06/09/2014                                       | 5.0                | µg/L         | 87.0              | 61.3-125                   |
| OXY Chlorinated Hyd.          |                      |  |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/27/2014           | 06/07/2014                                       | 8.0                | µg/L         | 70.2              | 58.6-99.8                  |
| OXY GC/MS Acids               |                      |  |                    |              |                   |                            |
| PHENOL-d6                     | 05/27/2014           | 06/10/2014                                       | 150                | µg/L         | 27.6              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/27/2014           | 06/10/2014                                       | 150                | µg/L         | 43.4              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/27/2014           | 06/10/2014                                       | 150                | µg/L         | 88.3              | 56.7-128                   |
| OXY Volatiles by 8260         |                      |  |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |                      | 05/29/2014                                       | 10                 | µg/L         | 100.              | 74.9-126                   |
| TOLUENE-d8                    |                      | 05/29/2014                                       | 10                 | µg/L         | 101               | 90.5-117                   |
| <b>Lab Number: 14051860</b>   |                      | <b>Sample Description:WG-05222014-AK-AMW102S</b> |                    |              |                   |                            |
| Herbicides                    |                      |  |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/28/2014           | 06/07/2014                                       | 5.0                | µg/L         | 84.0              | 61.3-125                   |
| Herbicides                    |                      |  |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/28/2014           | 06/07/2014                                       | 5.0                | µg/L         | 84.0              | 61.3-125                   |
| OXY Chlorinated Hyd.          |                      |  |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/27/2014           | 06/06/2014                                       | 8.0                | µg/L         | 76.7              | 58.6-99.8                  |
| OXY GC/MS Acids               |                      |  |                    |              |                   |                            |
| PHENOL-d6                     | 05/27/2014           | 06/06/2014                                       | 150                | µg/L         | 33.7              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/27/2014           | 06/06/2014                                       | 150                | µg/L         | 51.5              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/27/2014           | 06/06/2014                                       | 150                | µg/L         | 91.5              | 56.7-128                   |
| OXY Volatiles by 8260         |                      |  |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |                      | 05/29/2014                                       | 10                 | µg/L         | 102               | 74.9-126                   |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

| <b>Surrogate</b>                                | <b>Date Prepared</b>                             | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|---|--|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14051860</b>                     | <b>Sample Description:WG-05222014-AK-AMW102S</b> |                      |                    |              |                   |                            |
| OXY Volatiles by 8260<br>TOLUENE-d8             |  | 05/29/2014           | 10                 | µg/L         | 104               | 90.5-117                   |
| <b>Lab Number: 14051861</b>                     | <b>Sample Description:WG-05222014-JR-MW12S3</b>  |                      |                    |              |                   |                            |
| Herbicides<br>2,4-DICHLOROPHENYLACETIC ACID     | 05/28/2014                                       | 06/07/2014           | 5.0                | µg/L         | 88.3              | 61.3-125                   |
| Herbicides<br>2,4-DICHLOROPHENYLACETIC ACID     | 05/28/2014                                       | 06/07/2014           | 5.0                | µg/L         | 88.3              | 61.3-125                   |
| OXY Chlorinated Hyd.<br>1,4-DICHLORONAPHTHALENE | 05/27/2014                                       | 06/06/2014           | 8.0                | µg/L         | 74.9              | 58.6-99.8                  |
| OXY GC/MS Acids<br>PHENOL-d6                    | 05/27/2014                                       | 06/07/2014           | 150                | µg/L         | 33.7              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                  | 05/27/2014                                       | 06/07/2014           | 150                | µg/L         | 51.0              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 05/27/2014                                       | 06/07/2014           | 150                | µg/L         | 92.4              | 56.7-128                   |
| OXY Volatiles by 8260<br>1,2-DICHLOROETHANE-d4  |  | 05/29/2014           | 100                | µg/L         | 96.1              | 74.9-126                   |
| TOLUENE-d8                                      |  | 05/29/2014           | 100                | µg/L         | 105               | 90.5-117                   |
| <b>Lab Number: 14051862</b>                     | <b>Sample Description:TB-05222014-AK</b>         |                      |                    |              |                   |                            |
| OXY Volatiles by 8260<br>1,2-DICHLOROETHANE-d4  |  | 05/29/2014           | 10                 | µg/L         | 94.0              | 74.9-126                   |
| TOLUENE-d8                                      |  | 05/29/2014           | 10                 | µg/L         | 99.5              | 90.5-117                   |
| <b>Lab Number: 14051863</b>                     | <b>Sample Description:WG-05222014-JR-IW40</b>    |                      |                    |              |                   |                            |
| Herbicides<br>2,4-DICHLOROPHENYLACETIC ACID     | 05/28/2014                                       | 06/07/2014           | 5.0                | µg/L         | 84.5              | 61.3-125                   |
| Herbicides<br>2,4-DICHLOROPHENYLACETIC ACID     | 05/28/2014                                       | 06/07/2014           | 5.0                | µg/L         | 84.5              | 61.3-125                   |
| OXY Chlorinated Hyd.<br>1,4-DICHLORONAPHTHALENE | 05/27/2014                                       | 06/06/2014           | 8.0                | µg/L         | 77.1              | 58.6-99.8                  |
| OXY GC/MS Acids<br>PHENOL-d6                    | 05/27/2014                                       | 06/07/2014           | 150                | µg/L         | 34.2              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                  | 05/27/2014                                       | 06/07/2014           | 150                | µg/L         | 53.2              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 05/27/2014                                       | 06/07/2014           | 150                | µg/L         | 91.1              | 56.7-128                   |
| OXY Volatiles by 8260<br>1,2-DICHLOROETHANE-d4  |  | 05/29/2014           | 10                 | µg/L         | 97.1              | 74.9-126                   |
| TOLUENE-d8                                      |  | 05/29/2014           | 10                 | µg/L         | 106               | 90.5-117                   |
| <b>Lab Number: 14051864</b>                     | <b>Sample Description:WG-05222014-JR-IW43</b>    |                      |                    |              |                   |                            |
| Herbicides<br>2,4-DICHLOROPHENYLACETIC ACID     | 05/28/2014                                       | 06/09/2014           | 5.0                | µg/L         | 96.3              | 61.3-125                   |
| Herbicides<br>2,4-DICHLOROPHENYLACETIC ACID     | 05/28/2014                                       | 06/07/2014           | 5.0                | µg/L         | 86.1              | 61.3-125                   |
| OXY Chlorinated Hyd.<br>1,4-DICHLORONAPHTHALENE | 05/27/2014                                       | 06/07/2014           | 8.0                | µg/L         | 89.6              | 58.6-99.8                  |
| OXY GC/MS Acids<br>PHENOL-d6                    | 05/29/2014                                       | 06/07/2014           | 150                | µg/L         | 38.5              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                  | 05/29/2014                                       | 06/07/2014           | 150                | µg/L         | 59.5              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 05/29/2014                                       | 06/07/2014           | 150                | µg/L         | 99.1              | 56.7-128                   |
| OXY Volatiles by 8260<br>1,2-DICHLOROETHANE-d4  |  | 05/30/2014           | 1000               | µg/L         | 97.5              | 74.9-126                   |
| TOLUENE-d8                                      |  | 05/30/2014           | 1000               | µg/L         | 103               | 90.5-117                   |
| <b>Lab Number: 14051865</b>                     | <b>Sample Description:WG-05222014-JR-IW44</b>    |                      |                    |              |                   |                            |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

| <b>Surrogate</b>              | <b>Date Prepared</b> | <b>Date Analyzed</b>                          | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|-------------------------------|----------------------|---|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14051865</b>   |                      | <b>Sample Description:WG-05222014-JR-IW44</b> |                    |              |                   |                            |
| Herbicides                    |                      |   |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/28/2014           | 06/07/2014                                    | 5.0                | µg/L         | 82.6              | 61.3-125                   |
| Herbicides                    |                      |   |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/28/2014           | 06/07/2014                                    | 5.0                | µg/L         | 82.6              | 61.3-125                   |
| OXY Chlorinated Hyd.          |                      |   |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/27/2014           | 06/07/2014                                    | 8.0                | µg/L         | 78.4              | 58.6-99.8                  |
| OXY GC/MS Acids               |                      |   |                    |              |                   |                            |
| PHENOL-d6                     | 05/29/2014           | 06/07/2014                                    | 150                | µg/L         | 35.7              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/29/2014           | 06/07/2014                                    | 150                | µg/L         | 53.8              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/29/2014           | 06/07/2014                                    | 150                | µg/L         | 93.6              | 56.7-128                   |
| OXY Volatiles by 8260         |                      |   |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |                      | 05/30/2014                                    | 50                 | µg/L         | 96.0              | 74.9-126                   |
| TOLUENE-d8                    |                      | 05/30/2014                                    | 50                 | µg/L         | 101               | 90.5-117                   |
| <b>Lab Number: 14051866</b>   |                      | <b>Sample Description:WG-05222014-JR-IW45</b> |                    |              |                   |                            |
| Herbicides                    |                      |   |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/28/2014           | 06/07/2014                                    | 5.0                | µg/L         | 83.1              | 61.3-125                   |
| Herbicides                    |                      |   |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/28/2014           | 06/07/2014                                    | 5.0                | µg/L         | 83.1              | 61.3-125                   |
| OXY Chlorinated Hyd.          |                      |   |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/27/2014           | 06/07/2014                                    | 8.0                | µg/L         | 82.7              | 58.6-99.8                  |
| OXY GC/MS Acids               |                      |   |                    |              |                   |                            |
| PHENOL-d6                     | 05/29/2014           | 06/07/2014                                    | 150                | µg/L         | 34.5              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/29/2014           | 06/07/2014                                    | 150                | µg/L         | 53.7              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/29/2014           | 06/07/2014                                    | 150                | µg/L         | 91.8              | 56.7-128                   |
| OXY Volatiles by 8260         |                      |   |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |                      | 06/03/2014                                    | 10                 | µg/L         | 103               | 74.9-126                   |
| TOLUENE-d8                    |                      | 06/03/2014                                    | 10                 | µg/L         | 101               | 90.5-117                   |
| <b>Lab Number: 14051867</b>   |                      | <b>Sample Description:WG-05222014-JR-IW46</b> |                    |              |                   |                            |
| Herbicides                    |                      |   |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/28/2014           | 06/07/2014                                    | 5.0                | µg/L         | 88.0              | 61.3-125                   |
| Herbicides                    |                      |   |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/28/2014           | 06/07/2014                                    | 5.0                | µg/L         | 88.0              | 61.3-125                   |
| OXY Chlorinated Hyd.          |                      |   |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/27/2014           | 06/07/2014                                    | 8.0                | µg/L         | 83.7              | 58.6-99.8                  |
| OXY GC/MS Acids               |                      |   |                    |              |                   |                            |
| PHENOL-d6                     | 05/29/2014           | 06/07/2014                                    | 150                | µg/L         | 33.4              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/29/2014           | 06/07/2014                                    | 150                | µg/L         | 49.0              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/29/2014           | 06/07/2014                                    | 150                | µg/L         | 91.6              | 56.7-128                   |
| OXY Volatiles by 8260         |                      |   |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |                      | 06/03/2014                                    | 10                 | µg/L         | 103               | 74.9-126                   |
| TOLUENE-d8                    |                      | 06/03/2014                                    | 10                 | µg/L         | 103               | 90.5-117                   |
| <b>Lab Number: 14051868</b>   |                      | <b>Sample Description:WG-05222014-JR-IW32</b> |                    |              |                   |                            |
| Herbicides                    |                      |   |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/29/2014           | 06/09/2014                                    | 5.0                | µg/L         | C                 | 61.3-125                   |
| Herbicides                    |                      |   |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/29/2014           | 06/09/2014                                    | 5.0                | µg/L         | C                 | 61.3-125                   |
| OXY Chlorinated Hyd.          |                      |   |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/27/2014           | 06/07/2014                                    | 8.0                | µg/L         | MO SI             | 58.6-99.8                  |
| OXY GC/MS Acids               |                      |   |                    |              |                   |                            |
| PHENOL-d6                     | 05/29/2014           | 06/07/2014                                    | 150                | µg/L         | 32.9              | 22.3-43.0                  |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

| <b>Surrogate</b>                              | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|---|----------------------|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14051868</b>                   |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05222014-JR-IW32</b> |                      |                      |                    |              |                   |                            |
| OXY GC/MS Acids                               |                      |                      |                    |              |                   |                            |
| 2-FLUOROPHENOL                                | 05/29/2014           | 06/07/2014           | 150                | µg/L         | 51.1              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                          | 05/29/2014           | 06/07/2014           | 150                | µg/L         | 101               | 56.7-128                   |
| OXY Volatiles by 8260                         |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                         |                      | 05/30/2014           | 100                | µg/L         | 101               | 74.9-126                   |
| TOLUENE-d8                                    |                      | 05/30/2014           | 100                | µg/L         | 102               | 90.5-117                   |
| <b>Lab Number: 14051869</b>                   |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05222014-JR-IW31</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                    |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                 | 05/29/2014           | 06/09/2014           | 5.0                | µg/L         | C                 | 61.3-125                   |
| Herbicides                                    |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                 | 05/29/2014           | 06/09/2014           | 5.0                | µg/L         | C                 | 61.3-125                   |
| OXY Chlorinated Hyd.                          |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                       | 05/27/2014           | 06/07/2014           | 8.0                | µg/L         | C                 | 58.6-99.8                  |
| OXY GC/MS Acids                               |                      |                      |                    |              |                   |                            |
| PHENOL-d6                                     | 05/29/2014           | 06/09/2014           | 150                | µg/L         | 30.1              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                | 05/29/2014           | 06/09/2014           | 150                | µg/L         | 47.0              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                          | 05/29/2014           | 06/09/2014           | 150                | µg/L         | 95.9              | 56.7-128                   |
| OXY Volatiles by 8260                         |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                         |                      | 05/30/2014           | 2000               | µg/L         | 97.5              | 74.9-126                   |
| TOLUENE-d8                                    |                      | 05/30/2014           | 2000               | µg/L         | 102               | 90.5-117                   |
| <b>Lab Number: 14051870</b>                   |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05222014-JR-IW30</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                    |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                 | 05/29/2014           | 06/09/2014           | 5.0                | µg/L         | C                 | 61.3-125                   |
| Herbicides                                    |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                 | 05/29/2014           | 06/09/2014           | 5.0                | µg/L         | C                 | 61.3-125                   |
| OXY Chlorinated Hyd.                          |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                       | 05/27/2014           | 06/07/2014           | 8.0                | µg/L         | C                 | 58.6-99.8                  |
| OXY GC/MS Acids                               |                      |                      |                    |              |                   |                            |
| PHENOL-d6                                     | 05/29/2014           | 06/09/2014           | 150                | µg/L         | 26.2              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                | 05/29/2014           | 06/09/2014           | 150                | µg/L         | 34.6 SL           | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                          | 05/29/2014           | 06/09/2014           | 150                | µg/L         | 96.9              | 56.7-128                   |
| OXY Volatiles by 8260                         |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                         |                      | 05/30/2014           | 10000              | µg/L         | 97.1              | 74.9-126                   |
| TOLUENE-d8                                    |                      | 05/30/2014           | 10000              | µg/L         | 99.2              | 90.5-117                   |
| <b>Lab Number: 14051870R</b>                  |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05222014-JR-IW30</b> |                      |                      |                    |              |                   |                            |
| Acid  |                      |                      |                    |              |                   |                            |
| PHENOL-d6                                     | 05/29/2014           | 06/10/2014           | 150                | µg/L         | 25.8              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                | 05/29/2014           | 06/10/2014           | 150                | µg/L         | 34.4 SL           | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                          | 05/29/2014           | 06/10/2014           | 150                | µg/L         | 95.1              | 56.7-128                   |
| <b>Lab Number: 14051871</b>                   |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-05222014-JR-FD7</b>  |                      |                      |                    |              |                   |                            |
| Herbicides                                    |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                 | 05/29/2014           | 06/09/2014           | 5.0                | µg/L         | C                 | 61.3-125                   |
| Herbicides                                    |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                 | 05/29/2014           | 06/09/2014           | 5.0                | µg/L         | C                 | 61.3-125                   |
| OXY Chlorinated Hyd.                          |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                       | 05/27/2014           | 06/07/2014           | 8.0                | µg/L         | C                 | 58.6-99.8                  |
| OXY GC/MS Acids                               |                      |                      |                    |              |                   |                            |
| PHENOL-d6                                     | 05/29/2014           | 06/09/2014           | 150                | µg/L         | 26.2              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                | 05/29/2014           | 06/09/2014           | 150                | µg/L         | 35.4 SL           | 37.7-66.5                  |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

| <b>Surrogate</b>              | <b>Date Prepared</b>                           | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|-------------------------------|--|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14051871</b>   | <b>Sample Description:WG-05222014-JR-FD7</b>   |                      |                    |              |                   |                            |
| OXY GC/MS Acids               |  |                      |                    |              |                   |                            |
| 2,4,6-TRIBROMOPHENOL          | 05/29/2014                                     | 06/09/2014           | 150                | µg/L         | 93.0              | 56.7-128                   |
| OXY Volatiles by 8260         |  |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |  | 06/03/2014           | 10000              | µg/L         | 98.9              | 74.9-126                   |
| TOLUENE-d8                    |  | 06/03/2014           | 10000              | µg/L         | 104               | 90.5-117                   |
| <b>Lab Number: 14051871R</b>  | <b>Sample Description:WG-05222014-JR-FD7</b>   |                      |                    |              |                   |                            |
| Acid                          |  |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/29/2014                                     | 06/10/2014           | 150                | µg/L         | 25.5              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/29/2014                                     | 06/10/2014           | 150                | µg/L         | 35.4 SL           | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/29/2014                                     | 06/10/2014           | 150                | µg/L         | 95.6              | 56.7-128                   |
| <b>Lab Number: 14051872</b>   | <b>Sample Description:WG-05222014-JR-IW42</b>  |                      |                    |              |                   |                            |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/29/2014                                     | 06/09/2014           | 5.0                | µg/L         | 78.3              | 61.3-125                   |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/29/2014                                     | 06/09/2014           | 5.0                | µg/L         | 78.3              | 61.3-125                   |
| OXY Chlorinated Hyd.          |  |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/29/2014                                     | 06/07/2014           | 8.0                | µg/L         | 76.0              | 58.6-99.8                  |
| OXY GC/MS Acids               |  |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/29/2014                                     | 06/09/2014           | 150                | µg/L         | 36.4              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/29/2014                                     | 06/09/2014           | 150                | µg/L         | 55.4              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/29/2014                                     | 06/09/2014           | 150                | µg/L         | 96.7              | 56.7-128                   |
| OXY Volatiles by 8260         |  |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |  | 06/03/2014           | 10                 | µg/L         | 102               | 74.9-126                   |
| TOLUENE-d8                    |  | 06/03/2014           | 10                 | µg/L         | 103               | 90.5-117                   |
| <b>Lab Number: 14051873</b>   | <b>Sample Description:WG-05222014-JR-IW29</b>  |                      |                    |              |                   |                            |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/29/2014                                     | 06/10/2014           | 5.0                | µg/L         | 92.6              | 61.3-125                   |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/29/2014                                     | 06/10/2014           | 5.0                | µg/L         | 92.6              | 61.3-125                   |
| OXY Chlorinated Hyd.          |  |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/29/2014                                     | 06/07/2014           | 9.2                | µg/L         | C                 | 58.6-99.8                  |
| OXY GC/MS Acids               |  |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/29/2014                                     | 06/09/2014           | 150                | µg/L         | 37.0              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/29/2014                                     | 06/09/2014           | 150                | µg/L         | 56.4              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/29/2014                                     | 06/09/2014           | 150                | µg/L         | 102               | 56.7-128                   |
| OXY Volatiles by 8260         |  |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |  | 06/03/2014           | 1000               | µg/L         | 103               | 74.9-126                   |
| TOLUENE-d8                    |  | 06/03/2014           | 1000               | µg/L         | 98.9              | 90.5-117                   |
| <b>Lab Number: 14051874</b>   | <b>Sample Description:WG-05222014-JR-IW35B</b> |                      |                    |              |                   |                            |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/29/2014                                     | 06/10/2014           | 5.0                | µg/L         | 79.3              | 61.3-125                   |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/29/2014                                     | 06/10/2014           | 5.0                | µg/L         | 79.3              | 61.3-125                   |
| OXY Chlorinated Hyd.          |  |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 05/29/2014                                     | 06/09/2014           | 8.0                | µg/L         | 94.2              | 58.6-99.8                  |
| OXY GC/MS Acids               |  |                      |                    |              |                   |                            |
| PHENOL-d6                     | 05/29/2014                                     | 06/09/2014           | 150                | µg/L         | 33.8              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 05/29/2014                                     | 06/09/2014           | 150                | µg/L         | 52.2              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 05/29/2014                                     | 06/09/2014           | 150                | µg/L         | 98.3              | 56.7-128                   |

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

| Surrogate                     | Date Prepared                                  | Date Analyzed | Spike Level | Units | % Recovery | Acceptable % Limits |
|-------------------------------|--|---------------|-------------|-------|------------|---------------------|
| <b>Lab Number: 14051874</b>   | <b>Sample Description:WG-05222014-JR-IW35B</b> |               |             |       |            |                     |
| OXY Volatiles by 8260         |  |               |             |       |            |                     |
| 1,2-DICHLOROETHANE-d4         |  | 06/03/2014    | 1000        | µg/L  | 105        | 74.9-126            |
| TOLUENE-d8                    |  | 06/03/2014    | 1000        | µg/L  | 103        | 90.5-117            |
| <b>Lab Number: 14051875</b>   | <b>Sample Description:WG-05222014-JR-IW35A</b> |               |             |       |            |                     |
| Herbicides                    |  |               |             |       |            |                     |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/29/2014                                     | 06/10/2014    | 5.0         | µg/L  | 87.3       | 61.3-125            |
| Herbicides                    |  |               |             |       |            |                     |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/29/2014                                     | 06/10/2014    | 5.0         | µg/L  | 87.3       | 61.3-125            |
| OXY Chlorinated Hyd.          |  |               |             |       |            |                     |
| 1,4-DICHLORONAPHTHALENE       | 05/29/2014                                     | 06/07/2014    | 8.0         | µg/L  | 76.2       | 58.6-99.8           |
| OXY GC/MS Acids               |  |               |             |       |            |                     |
| PHENOL-d6                     | 05/29/2014                                     | 06/09/2014    | 150         | µg/L  | 33.9       | 22.3-43.0           |
| 2-FLUOROPHENOL                | 05/29/2014                                     | 06/09/2014    | 150         | µg/L  | 50.1       | 37.7-66.5           |
| 2,4,6-TRIBROMOPHENOL          | 05/29/2014                                     | 06/09/2014    | 150         | µg/L  | 90.7       | 56.7-128            |
| OXY Volatiles by 8260         |  |               |             |       |            |                     |
| 1,2-DICHLOROETHANE-d4         |  | 06/03/2014    | 10          | µg/L  | 100.       | 74.9-126            |
| TOLUENE-d8                    |  | 06/03/2014    | 10          | µg/L  | 104        | 90.5-117            |
| <b>Lab Number: 14051875R</b>  | <b>Sample Description:WG-05222014-JR-IW35A</b> |               |             |       |            |                     |
| Chlorinated Hydrocarbons      |  |               |             |       |            |                     |
| 1,4-DICHLORONAPHTHALENE       | 06/09/2014                                     | 06/10/2014    | 8.0         | µg/L  | 78.3       | 58.6-99.8           |
| <b>Lab Number: 14051876</b>   | <b>Sample Description:WG-05222014-JR-RB1</b>   |               |             |       |            |                     |
| Herbicides                    |  |               |             |       |            |                     |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/29/2014                                     | 06/10/2014    | 5.0         | µg/L  | 85.1       | 61.3-125            |
| Herbicides                    |  |               |             |       |            |                     |
| 2,4-DICHLOROPHENYLACETIC ACID | 05/29/2014                                     | 06/10/2014    | 5.0         | µg/L  | 85.1       | 61.3-125            |
| OXY Chlorinated Hyd.          |  |               |             |       |            |                     |
| 1,4-DICHLORONAPHTHALENE       | 05/29/2014                                     | 06/07/2014    | 8.0         | µg/L  | 74.0       | 58.6-99.8           |
| OXY GC/MS Acids               |  |               |             |       |            |                     |
| PHENOL-d6                     | 05/29/2014                                     | 06/09/2014    | 150         | µg/L  | 35.5       | 22.3-43.0           |
| 2-FLUOROPHENOL                | 05/29/2014                                     | 06/09/2014    | 150         | µg/L  | 53.8       | 37.7-66.5           |
| 2,4,6-TRIBROMOPHENOL          | 05/29/2014                                     | 06/09/2014    | 150         | µg/L  | 93.7       | 56.7-128            |
| OXY Volatiles by 8260         |  |               |             |       |            |                     |
| 1,2-DICHLOROETHANE-d4         |  | 05/30/2014    | 10          | µg/L  | 99.7       | 74.9-126            |
| TOLUENE-d8                    |  | 05/30/2014    | 10          | µg/L  | 102        | 90.5-117            |

Data Qualifiers:

C - Due to matrix interference(s) and/or high concentration(s) of analyte(s) present in the sample, dilution was required causing the spike level for this analyte to be below the reporting limit and/or below the lowest point of the calibration curve.

SI - One or more surrogate recoveries for this analysis were not within the method or laboratory control limits. The sample result(s) or reporting limit(s) for this analysis are estimated due to sample heterogeneity and/or sample matrix interferences.

SL - The surrogate recovery for this analysis was below the method or laboratory control limits. The reported sample concentration may be biased low.

IM - Due to matrix interference this analyte did not meet qualitative criteria or was subject to chromatographic peak distortion.

**Quality Control Report**  
**Continuing Calibration Report**

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

| <u>Analysis</u>                | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u>                          | <u>Amount Detected</u> | <u>Units</u> | <u>Percent Recovery</u> |
|--------------------------------|-------------------------|----------------------------|--|------------------------|--------------|-------------------------|
| 2,4-Dichlorophenoxyacetic Acid | 06/04/2014              | 3NX5154                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 06/04/2014              | 4NX5154                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 06/06/2014              | 1NX5157                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 06/06/2014              | 2NX5157                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 06/07/2014              | 3NX5157                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 06/07/2014              | 4NX5157                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 06/09/2014              | 1NX5160                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 06/09/2014              | 2NX5160                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 06/09/2014              | 3NX5160                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 06/10/2014              | 4NX5160                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 06/10/2014              | 1NX5161                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 06/10/2014              | 2NX5161                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 06/04/2014              | 3NX5154                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 06/04/2014              | 4NX5154                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 06/06/2014              | 1NX5157                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 06/06/2014              | 2NX5157                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 06/07/2014              | 3NX5157                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 06/07/2014              | 4NX5157                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 06/09/2014              | 1NX5160                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 06/09/2014              | 2NX5160                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 06/09/2014              | 3NX5160                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 06/10/2014              | 4NX5160                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 06/10/2014              | 1NX5161                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 06/10/2014              | 2NX5161                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 06/05/2014              | 2EX3155                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 06/05/2014              | 3EX3155                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 06/05/2014              | 2EX3156                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 06/06/2014              | 3EX3156                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 06/06/2014              | 1EX3157                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 06/07/2014              | 2EX3157                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 06/07/2014              | 3EX3157                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 06/07/2014              | 4EX3157                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 06/09/2014              | 1EX3160                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 06/09/2014              | 2EX3160                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 06/10/2014              | 1EX3161                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 06/10/2014              | 2EX3161                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 06/03/2014              | 2IC1154                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 06/03/2014              | 3IC1154                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/31/2014              | 8IC2150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/31/2014              | 9IC2150                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 05/31/2014              | 10IC2150                   | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 06/01/2014              | 1IC2152                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 06/01/2014              | 2IC2152                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |

**Quality Control Report**  
**Continuing Calibration Report**

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 06/12/2014  
 Date Received: 05/22/2014  
 Continental File No: 7775  
 Continental Order No: 118842

|                           |            |          |   |
|---------------------------|------------|----------|---|
| Chloride                  | 06/01/2014 | 3IC2152  | CCV recovery acceptable for this Instrument Batch.      |
| Chloride                  | 06/04/2014 | 6IC2155  | CCV recovery acceptable for this Instrument Batch.      |
| Chloride                  | 06/05/2014 | 7IC2155  | CCV recovery acceptable for this Instrument Batch.      |
| Chloride                  | 06/05/2014 | 8IC2155  | CCV recovery acceptable for this Instrument Batch.      |
| Hardness (Calculated)     | 06/05/2014 | 10IP4156 | CCV recovery acceptable for this Instrument Batch.      |
| Hardness (Calculated)     | 06/05/2014 | 11IP4156 | CCV recovery acceptable for this Instrument Batch.      |
| Hardness (Calculated)     | 06/05/2014 | 6IP4156  | CCV recovery acceptable for this Instrument Batch.      |
| Hardness (Calculated)     | 06/05/2014 | 7IP4156  | CCV recovery acceptable for this Instrument Batch.      |
| Hardness (Calculated)     | 06/05/2014 | 8IP4156  | CCV recovery acceptable for this Instrument Batch.      |
| Hardness (Calculated)     | 06/10/2014 | 8IP4161  | CCV recovery acceptable for this Instrument Batch.      |
| Hardness (Calculated)     | 06/05/2014 | 9IP4156  | CCV recovery acceptable for this Instrument Batch.      |
| Hardness (Calculated)     | 06/10/2014 | 9IP4161  | CCV recovery acceptable for this Instrument Batch.      |
| OXY GC/MS Acids           | 06/04/2014 |          | CCV recovery acceptable except as qualified below.      |
| 2,3,4,5-Tetrachlorophenol | 06/04/2014 | 1MS6155  | 100            89.3            µg/ml            89.3 CE |

Samples associated with this Continuing Calibration Verification:

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14051844                 | 1MS6155                 | WG-05202014-JR-MW22S2     |
| 14051845                 | 1MS6155                 | WG-05202014-JR-FD6        |
| 14051846                 | 1MS6155                 | WG-05202014-JR-MW19S1     |
| 14051847                 | 1MS6155                 | WG-05212014-JR-MW05S3     |
| 14051848                 | 1MS6155                 | WG-05212014-JR-MW19S2     |

| <u>Analysis</u>           | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u> | <u>Amount Detected</u> | <u>Units</u> | <u>Percent Recovery</u>                            |
|---------------------------|-------------------------|----------------------------|---------------------------|------------------------|--------------|--|
| OXY GC/MS Acids           | 06/05/2014              |                            |                           |                        |              | CCV recovery acceptable except as qualified below. |
| 2,3,4,5-Tetrachlorophenol | 06/05/2014              | 1MS6156                    | 100                       | 87.4                   | µg/ml        | 87.4 CE  |

Samples associated with this Continuing Calibration Verification:

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14051850                 | 1MS6156                 | WG-05212014-JR-MW18S3     |
| 14051852                 | 1MS6156                 | WG-05202014-AK-AMW104     |
| 14051853                 | 1MS6156                 | WG-05202014-AK-AMW3       |
| 14051854                 | 1MS6156                 | WG-05202014-AK-MW15S2     |
| 14051855                 | 1MS6156                 | WG-05202014-AK-MW12S1A    |
| 14051856                 | 1MS6156                 | WG-05212014-AK-AMW108S    |
| 14051857                 | 1MS6156                 | WG-05212014-AK-AMW108D    |
| 14051858                 | 1MS6156                 | WG-05212014-AK-AMW101I    |
| 14051848R                | 1MS6156                 | WG-05212014-JR-MW19S2     |

| <u>Analysis</u>           | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u> | <u>Amount Detected</u> | <u>Units</u> | <u>Percent Recovery</u>                            |
|---------------------------|-------------------------|----------------------------|---------------------------|------------------------|--------------|--|
| OXY GC/MS Acids           | 06/06/2014              |                            |                           |                        |              | CCV recovery acceptable except as qualified below. |
| 2,3,4,5-Tetrachlorophenol | 06/06/2014              | 1MS6157                    | 100                       | 92.1                   | µg/ml        | 92.1 CE  |

Samples associated with this Continuing Calibration Verification:

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14051849                 | 1MS6157                 | WG-05212014-JR-MW18S1     |

**Quality Control Report  
Continuing Calibration Report**

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14051860                 | 1MS6157                 | WG-05222014-AK-AMW102S    |

| <u>Analysis</u>           | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u> | <u>Amount Detected</u>                             | <u>Units</u> | <u>Percent Recovery</u> |
|---------------------------|-------------------------|----------------------------|---------------------------|--|--------------|-------------------------|
| OXY GC/MS Acids           | 06/07/2014              |                            |                           | CCV recovery acceptable except as qualified below. |              |                         |
| 2,3,4,5-Tetrachlorophenol | 06/07/2014              | 2MS6157                    | 100                       | 94.6   | µg/ml        | 94.6 CE                 |

Samples associated with this Continuing Calibration Verification:

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14051849                 | 1MS6157                 | WG-05212014-JR-MW18S1     |
| 14051860                 | 1MS6157                 | WG-05222014-AK-AMW102S    |
| 14051861                 | 2MS6157                 | WG-05222014-JR-MW12S3     |
| 14051863                 | 2MS6157                 | WG-05222014-JR-IW40       |
| 14051864                 | 2MS6157                 | WG-05222014-JR-IW43       |
| 14051865                 | 2MS6157                 | WG-05222014-JR-IW44       |
| 14051866                 | 2MS6157                 | WG-05222014-JR-IW45       |
| 14051867                 | 2MS6157                 | WG-05222014-JR-IW46       |
| 14051868                 | 2MS6157                 | WG-05222014-JR-IW32       |

| <u>Analysis</u>           | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u> | <u>Amount Detected</u>                             | <u>Units</u> | <u>Percent Recovery</u> |
|---------------------------|-------------------------|----------------------------|---------------------------|--|--------------|-------------------------|
| OXY GC/MS Acids           | 06/09/2014              |                            |                           | CCV recovery acceptable except as qualified below. |              |                         |
| 2,3,4,5-Tetrachlorophenol | 06/09/2014              | 1MS6160                    | 100                       | 98.3   | µg/ml        | 98.3 CE                 |

Samples associated with this Continuing Calibration Verification:

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14051869                 | 1MS6160                 | WG-05222014-JR-IW31       |
| 14051870                 | 1MS6160                 | WG-05222014-JR-IW30       |
| 14051871                 | 1MS6160                 | WG-05222014-JR-FD7        |
| 14051872                 | 1MS6160                 | WG-05222014-JR-IW42       |
| 14051873                 | 1MS6160                 | WG-05222014-JR-IW29       |
| 14051874                 | 1MS6160                 | WG-05222014-JR-IW35B      |
| 14051875                 | 1MS6160                 | WG-05222014-JR-IW35A      |
| 14051876                 | 1MS6160                 | WG-05222014-JR-RB1        |

| <u>Analysis</u>           | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u> | <u>Amount Detected</u>                             | <u>Units</u> | <u>Percent Recovery</u> |
|---------------------------|-------------------------|----------------------------|---------------------------|--|--------------|-------------------------|
| OXY GC/MS Acids           | 06/10/2014              |                            |                           | CCV recovery acceptable except as qualified below. |              |                         |
| 2,3,4,5-Tetrachlorophenol | 06/10/2014              | 1MS6161                    | 100                       | 97.7   | µg/ml        | 97.7 CE                 |

Samples associated with this Continuing Calibration Verification:

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14051851                 | 1MS6161                 | WG-05212014-JR-MW19S4     |
| 14051859                 | 1MS6161                 | WG-05212014-AK-AMW101S    |
| 14051870R                | 1MS6161                 | WG-05222014-JR-IW30       |
| 14051871R                | 1MS6161                 | WG-05222014-JR-FD7        |

| <u>Analysis</u>       | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u> | <u>Amount Detected</u>                             | <u>Units</u> | <u>Percent Recovery</u> |
|-----------------------|-------------------------|----------------------------|---------------------------|--|--------------|-------------------------|
| OXY Volatiles by 8260 | 05/30/2014              | 1MS5150                    |                           | CCV recovery acceptable for this Instrument Batch. |              |                         |

**Quality Control Report  
Continuing Calibration Report**

Page: 97

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 06/12/2014  
Date Received: 05/22/2014  
Continental File No: 7775  
Continental Order No: 118842

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|                       |                    |  |
|-----------------------|--------------------|--|
| OXY Volatiles by 8260 | 06/03/2014 1MS5154 | CCV recovery acceptable for this Instrument Batch. |
| OXY Volatiles by 8260 | 05/29/2014 1MS9149 | CCV recovery acceptable for this Instrument Batch. |

**Data Qualifiers:**

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

- Laboratory Report Conclusion -



**CONESTOGA-ROVERS  
& ASSOCIATES**

**CHAIN OF CUSTODY RECORD**

COC NO.: 348103  
PAGE 1 OF 3

Address: 6615 W. Birch Ave., Chicago, IL 60631  
Phone: 773-380-9933 Fax:

**GAS ORDER NO. 1184P2**

Project No/Phase/Task Code:  
**054646/042407**

Project Name:  
**COC**

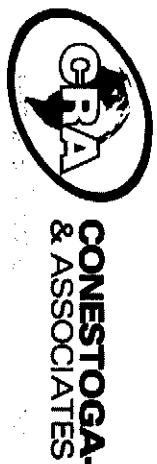
Project Location:  
**Wichita KS**

Chemistry Contact:  
**PAN Mc Mahon**

Sampler(s):  
**Jenny Rave, Andy Knein**

| Item #  | Sample Description     | Date       | Lab Contact:<br>C. R. Baker | Laboratory Name:<br><b>Container Analytical</b>   | Lab Location:<br>Salina, KS        | Lab Quote No.:<br>JSS-403-503-3100 |
|---|------------------------|------------|-----------------------------|---|------------------------------------|------------------------------------|
|   |                        |            |                             | Container Quantity & Type<br>SOLVENT PRESERVATION |                                    |                                    |
| 1   | Wk-05202014-JR-MW1952  | 5/20/14    | 11:25 AM                    | 4 5   | 8 X X X X X X X X                  | VOC                                |
| 2   | Wk-05202014-JR-FD      |            | 08:00                       | 5 3   | 8 X X X X X X X X                  | SVOC                               |
| 3   | Wk-05202014-JR-MW1951  |            | 16:50                       | 5 3   | 8 X X X X X X X X                  | pest/Herbicide                     |
| 4   | Wk-05212014-JR-MW0553  | 5/21/14    | 9:20                        | 5 3   | 8 X X X X X X X X                  | chloride/Hardness                  |
| 5   | Wk-05212014-JR-MW1952  |            | 10:35                       | 5 3   | 8 X X X X X X X X                  |                                    |
| 6   | Wk-05212014-JR-MW1951  |            | 13:30                       | 5 3   | 8 X X X X X X X X                  |                                    |
| 7   | Wk-05212014-JR-MW1953  |            | 14:45                       | 5 3   | 8 X X X X X X X X                  |                                    |
| 8   | Wk-05212014-JR-MW1954  | ✓          | 15:10                       | 5 3   | 8 X X X X X X X X                  |                                    |
| 9   | Wk-05202014-JR-AMW104  | 05/20/2014 | 11:15                       | 15 9  | 8 X X X X X X X X                  |                                    |
| 0   | Wk-05202014-JR-AMW103  |            | 13:55                       | 5 3   | 8 X X X X X X X X                  |                                    |
| 1   | Wk-05202014-JR-MW1952  |            | 15:05                       | 5 3   | 8 X X X X X X X X                  |                                    |
| 1   | Wk-05202014-JR-AMW104  |            | 15:45                       | 5 3   | 8 X X X X X X X X                  |                                    |
| 2   | Wk-05202014-JR-MW1951  |            | 16:00                       | 5 3   | 8 X X X X X X X X                  |                                    |
| 3   | Wk-05212014-JR-AMW108S | 05/21/2014 | 10:00                       | 5 3   | 8 X X X X X X X X                  |                                    |
| 4   | Wk-05212014-JR-AMW108B |            | 11:35                       | 5 3   | 8 X X X X X X X X                  |                                    |
| 5   | Wk-05212014-JR-AMW101T | ✓          | 15:35                       | 5 3   | 8 X X X X X X X X                  |                                    |
| TAT Required in business days (use separate COCs for different TATs):   |                        |            |                             | Total Number of Containers: 136                   | Notes/ Special Requirements: 5-22P |                                    |
| <input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Days <input type="checkbox"/> 3 Days <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week <input type="checkbox"/> Other: <b>5-22P</b> |                        |            |                             | All Samples in Cooler must be on COC              |                                    |                                    |
| RELIQUIDIFIED BY:   |                        | COMPANY:   | DATE:                       | RECEIVED BY:                                      | COMPANY:                           | DATE:                              |
| 1. N. Lassigles   |                        | CRA        | 5/22/14                     | 14:40   | 1. CRA                             | 5/22/14                            |
| 2. J. V.  |                        | CRA        | 5/22/14                     | 14:50   | 2. CRA                             | 5/22/14                            |
| 3.  |                        |            |                             |   | 3.                                 |                                    |

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT - ALL FIELDS MUST BE COMPLETED ACCURATELY



# CHAIN OF CUSTODY RECORD

COC NO.: 34811

PAGE 2 OF 3

GAS ORDER NO. 18842

Address: 8015 W. 80th MILE AVE., CHICAGO, IL 60631

Phone: 773-350-9733

Fax:

Project No./Phase/Task Code:  
054040/042407

Project Name:

OCCE WICKETTA  
WICKETTA, KS

Project Location:

Chemistry Contact:  
DJL NEFFTON

Sampler(s):  
TERENCE RUTE, ANDY KEEZIN

| Sample ID | Sample Description           | Date Collected | Time Collected | Matrix Code<br>(see back of COC) | Grab (G) or Comp (C) | Sample Type | Analysis Requested    | Lab Location: | S SOW ID: |
|-----------|------------------------------|----------------|----------------|----------------------------------|----------------------|-------------|-----------------------|---------------|-----------|
| 1         | WB - 05212014 - AK - AMW1015 | 05/21/14       | 16:10          | WB G 5 3                         |                      |             | VOC                   | STEVENS, KS   |           |
| 2         | WB - 05222014 - AK - AMW1025 | 05/22/14       | 08:15          | WB G 5 3                         |                      |             | SRCH                  |               |           |
| 3         | WB - 05222014 - JR - MW1253  | 05/22/14       | 09:40          | WB G 5 3                         |                      |             | PEST/HERBS            |               |           |
| 4         | TB - 05222014 - JK           | 05/22/14       | 12:00          | -                                | -                    | 3           | LEAD/CHLORINE/HARNESS |               |           |
| 5         | WB - 05222014 - JR - IW40    |                | 12:55          | WB G 5 3                         |                      | 8           | PCP                   |               |           |
| 6         | WB - 05222014 - JR - IW44    |                | 12:59          | WB G 5 3                         |                      | 8           | X X X X X             |               |           |
| 7         | WB - 05222014 - JR - IW45    |                | 13:15          | WB G 5 3                         |                      | 8           | X X X X X             |               |           |
| 8         | WB - 05222014 - JK - IW46    |                | 11:55          | WB G 5 3                         |                      | 24          | X X X X X             |               |           |
| 9         | WB - 05222014 - JK - IW32    |                | 12:00          | WB G 5 3                         |                      | 8           | X X X X X             |               |           |
| 10        | WB - 05222014 - JK - IW31    |                | 12:15          | WB G 5 3                         |                      | 8           | X X X X X             |               |           |
| 11        | WB - 05222014 - JR - IW30    |                | 12:30          | WB G 5 3                         |                      | 8           | X X X X X             |               |           |
| 12        | WB - 05222014 - JR - FDT     |                | 00:00          | WB G 5 3                         |                      | 8           | X X X X X             |               |           |
| 13        | WB - 05222014 - JR - IW42    |                | 13:00          | WB G 5 3                         |                      | 8           | X X X X X             |               |           |
| 14        | WB - 05222014 - JR - IW29    |                | 13:15          | WB G 5 3                         |                      | 8           | X X X X X             |               |           |

TAT Required in business days (use separate COCs for different TATs):

8/14

1 Day     2 Days     3 Days     1 Week     2 Week     Other:

Total Number of Containers: 131 Notes/ Special Requirements:

All Samples in Cooler must be on COC

| RElinquished By     | Company    | Date           | Time         | Received By         | Company    | Date           | Time         |
|---------------------|------------|----------------|--------------|---------------------|------------|----------------|--------------|
| <u>Terence Rute</u> | <u>CRA</u> | <u>5/22/14</u> | <u>14:40</u> | <u>Terence Rute</u> | <u>CRA</u> | <u>5/24/14</u> | <u>14:40</u> |
|                     |            |                |              |                     |            |                |              |
|                     |            |                |              |                     |            |                |              |
|                     |            |                |              |                     |            |                |              |



**CONESTOGA-ROVERS**  
& ASSOCIATES

# CHAIN OF CUSTODY RECORD

CO.C NO.: 34812  
PAGE 2 OF 2

Address: \_\_\_\_\_

Fax: \_\_\_\_\_

Reverse Side for Instructions)

|   |                  |                  |                                  |                                      |             |                              |            |
|---|------------------|------------------|----------------------------------|--------------------------------------|-------------|------------------------------|------------|
| Project No./Phase/Task Code:  | 05404 He/040407  | Laboratory Name: | ENVIRONMENTAL ANALY.             | Lab Location:                        | SWNTA, KS   | SSOW ID:                     |            |
| Project Name:   | OCCE WICHITA     | Lab Contact:     | CLIFF BREAKER                    | Lab Quote No.:                       |             | Cooler No.:                  |            |
| Project Location:   | WICHITA, KS      | Sample Type:     | CONTAINER QUANTITY & RESERVATION | ITEMS REQUESTED IN THIS DOCUMENT     |             | Carrier:                     | J. M. REED |
| Sampler(s):   | TOM MC NATION    |                  |                                  | Specimen                             |             | Airbill No.:                 |            |
| Chemistry Contact:  | X-EMI FATE       |                  |                                  | Matrix Code<br>(see back of COC)     |             | Date Shipped:                | 3/22/14    |
| Item  | Sample ID        | Location         | Time                             | Grab (G) or Comp (C)                 | Unpreserved | MS/MSD Request               |            |
| 1   | WA-05404-VR-W35B | 13:46            | 5/22/14                          | NG                                   | 3           | VOCs                         |            |
| 2   | WA-05404-JR-W35A | 13:55            |                                  | NG                                   | 3           | SVOCs                        |            |
| 3   | WA-05404-JR-RB1  | 14:05            |                                  | L                                    | 1           | PEST/HAB                     |            |
| 4   |                  |                  |                                  | L                                    | 1           | CHLORIDE/PAH                 |            |
| 5   |                  |                  |                                  | L                                    | 1           |                              |            |
| 6   |                  |                  |                                  | L                                    | 1           |                              |            |
| 7   |                  |                  |                                  | L                                    | 1           |                              |            |
| 8   |                  |                  |                                  | L                                    | 1           |                              |            |
| 9   |                  |                  |                                  | L                                    | 1           |                              |            |
| 0   |                  |                  |                                  | L                                    | 1           |                              |            |
| 1   |                  |                  |                                  | L                                    | 1           |                              |            |
| 1   |                  |                  |                                  | L                                    | 1           |                              |            |
| 2   |                  |                  |                                  | L                                    | 1           |                              |            |
| 3   |                  |                  |                                  | L                                    | 1           |                              |            |
| 4   |                  |                  |                                  | L                                    | 1           |                              |            |
| 5   |                  |                  |                                  | L                                    | 1           |                              |            |
| TAT Required in business days (use separate COCs for different TATs): |                  |                  |                                  | Total Number of Containers:          | 24          | Notes/ Special Requirements: |            |
|   |                  |                  |                                  | All Samples in Cooler must be on COC |             |                              |            |
| REFINISHED BY:  | COMPANY:         | DATE:            | TIME:                            | RECEIVED BY:                         | COMPANY:    | DATE:                        | TIME:      |
| 1. <u>N-JAGNAKES</u>  | CRA              | 5/22/14          | 15:40                            | 1. <u>TOM MC NATION</u>              | CRA         | 5/22/14                      | 14:40      |
| 2. <u>JAGNAKES</u>  | CRA              | 5/22/14          | 14:40                            | 2. <u>Tom Mc Nation</u>              | CRA         | 5/22/14                      | 14:50      |
| 3.  |                  |                  |                                  |                                      |             |                              |            |

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT - ALL FIELDS MUST BE COMPLETED ACCURATELY

Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )

CAS Order No.:

118842

Client Name: OKX

CAS File No.:

7775

Sample ID's in cooler: 53-60C

44-FLA, 2-200P  
45-LA

Cooler 11 of 16 for this CAS Order No.

Cooler Identification: PSM CAS Cooler #: 0724 / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 5 / 22 / 14 16 : 45

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice Melted Ice Bubble Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 6.8 Corrected Reading (°C) 6.9

Temperature. By: Temperature Blank

Surface Temperature

Thermo. ID No.: 554

Thermo. Correction Factor (°C): 0.1

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

Chain of Custody not present - information taken from:

Cover Letter  Container   
PO  CAS Proj. Mgr.

Sample excluded from Chain of Custody

Sample listed on Chain of Custody, not received

Sample identification on container and Chain of Custody do not agree

Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]

Cooler temperature exceeded 0.1 - 6.0 °C requirement  
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]

Broken or leaking containers (detail actions below)

Sample container type or labeled chemical preservation inappropriate

Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: ANW Date Completed: 5-23-14

Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )

CAS Order No.:

118842

Client Name: OXX

CAS File No.:

7725

Sample ID's in cooler: 51.4C 44 - 4UAT 280P

46 4UAT 250P 30C

Cooler 9 of 16 for this CAS Order No.

Cooler Identification: CAS Cooler #: 4033 / Client's Cooler / Box / Letter / Hand-delivered

Other: \_\_\_\_\_

Date/Time Cooler Received: 5 / 22 / 17 16 : 45

Delivered By: UPS / FedEx / AB Express / Field Sys / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 5.6 Corrected Reading (°C) 6.2

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 505 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

Chain of Custody not present - information taken from:

Cover Letter  Container   
PO  CAS Proj. Mgr.

Sample excluded from Chain of Custody

Sample listed on Chain of Custody, not received

Sample identification on container and Chain of Custody do not agree

Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]

Cooler temperature exceeded 0.1 - 6.0 °C requirement  
(Do not mark if samples do not require cooling to 0.1 - 6.0 °C.)

Broken or leaking containers (detail actions below)

Sample container type or labeled chemical preservation inappropriate

Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: Power Date Completed: 5-23-17

|  |  |   |
|--|--|---|
| Cooler/Sample Receipt Form (C/S RF)  |  | Cooler ID's in cooler: 53, 54, 55<br>Sample ID's in cooler: 53, 54, 55  |
| Contingent Analytical Services, Inc.<br>CAS Order No.: 118812  |  | CAS File No.: 7775<br>Client Name: DA X   |
| Cooler Identification: CAS Cooler #: 385 / Client's Cooler / Box / Letter / Hand-delivered<br>Other: _____   |  | Date/Time Cooler Received: 5/22/19 16:45<br>Delivered By: _____   |
| Cooler _____ of _____ for this CAS Order No. _____<br>Cooler _____ for this CAS Order No. _____  |  | Custody Seal:<br>Seal Name: _____ Seal Date: _____<br>Seal matches Chain of Custody: Yes / No / N/A   |
| Type of Packing Material:<br>Blue Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other:<br>Original Reading (°C) _____ Corrected Reading (°C) _____   |  | Corrected Reading (°C) _____<br>Surface Temperature _____<br>Temperature, By: Temperature Blank<br>Thermo. ID No.: SSK<br>Thermo. Correction Factor (°C): 0.1<br>Evidence of Cooling and date received = date sampled |
| Chain of Custody not present - Information taken from:<br>Sample excluded from Chain of Custody:<br>Sample listed on Chain of Custody, not received<br>Sample identification on container and Chain of Custody do not agree<br>Container label absent<br>Air bubbles in aqueous VOA vials larger than per-size [approx. 6 mm]<br>Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>DO not mark if samples do not require cooling to 0.1 - 6.0 °C.<br>Chain of Custody missing date/time sampled (excel, TB or Dup.)<br>Date or Time sampled or name from container label<br>Chain of Custody missing sampler's name<br>Chain of Custody missing matrix (sample type)<br>Other discrepancies: _____ |  | Missing relabeled information: signature date time<br>Detail to discrepancies/comments:   |
| <p>Note: If discrepancies are present, CAS will proceed with analysis until/unless directed otherwise by the client.</p> <p>Sample Receipt Discrepancies: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See below for discrepancies.)</p>   |  |   |

Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.:

118842

Client Name: OX

CAS File No.:

778

Sample ID's in cooler: 53-405

1851, 1853, 1954 4LA, 250P

Cooler 1 of 16 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3464 / Client's Cooler / Box / Letter / Hand-delivered

Other: \_\_\_\_\_

Date/Time Cooler Received: 5 / 22 / 14 16 : 45

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice Melted Ice Bubble Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 1.6 Corrected Reading (°C) 2.2

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
  - Cover Letter  Container
  - PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: mwr Date Completed: 5-23-14

Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )

CAS Order No.:

118842

Client Name: OKX

CAS File No.:

7775

Sample ID's in cooler: 5-22-14

2252 4CA280P  
F06 4CA280P  
1253 4CA280P

Cooler 2 of 16 for this CAS Order No.

Cooler Identification: CAS Cooler #:      / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 5/22/14 16:45

Delivered By: UPS / FedEx / AB Express / Field Sys / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_  
Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 0.2 Corrected Reading (°C) 0.8

Temperature, By: Temperature Blank Surface Temperature  
Thermo. ID No.: S85 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:  
Cover Letter  Container   
PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: hwr Date Completed: 5-23-14

Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )

CAS Order No.:

118842

CAS File No.:

7775

Client Name: OXX

Sample ID's in cooler: 52-425

VOCs

1025-41A, 20P

Cooler 3 of 18 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3109 / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 5/22/14 16:45

Delivered By: UPS / FedEx / AB Express / Field Sys / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 1.3 Corrected Reading (°C) 1.9

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 1025 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:<br>Cover Letter <input type="checkbox"/> Container <input type="checkbox"/><br>PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/> | <input type="checkbox"/> Sample excluded from Chain of Custody<br><input type="checkbox"/> Sample listed on Chain of Custody, not received<br><input type="checkbox"/> Sample identification on container and Chain of Custody do not agree<br><input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]<br><input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]<br><input type="checkbox"/> Broken or leaking containers (detail actions below)<br><input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate<br><input type="checkbox"/> Other discrepancies: _____ |
| <input type="checkbox"/> Container label absent  |   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]  |   |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.)   |   |
| <input type="checkbox"/> Date or Time sampled obtained from container label  |   |
| <input type="checkbox"/> Chain of Custody missing sampler's name   |   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)   |   |
| <input type="checkbox"/> Missing relinquished information: signature date time   |   |

Detail to discrepancies/comments:

Completed by: Mur Date Completed: 5-23-14

Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.:

118842

Client Name: OXX

CAS File No.:

7775

Sample ID's in cooler: S-405

1011

1015

1085

Cooler 4 of 16 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3894 / Client's Cooler / Box / Letter / Hand-delivered

Other: \_\_\_\_\_

Date/Time Cooler Received: 5/22/14 10:45

Delivered By: UPS / FedEx / AB Express / Field Sys / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice Melted Ice Bubble Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 0.4 Corrected Reading (°C) 1.0

Temperature By: Temperature Check Surface Temperature

Thermo. ID No.: 385 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
  - Cover Letter  Container
  - PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: MAR Date Completed: 5-23-14

Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )

CAS Order No.:

118842

Client Name: OXX

CAS File No.:

775

Sample ID's in cooler: 53405

1952 - 4LA 2SDP  
0535 4LA 2SDP

Cooler 5 of 16 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3889 / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 5/22/17 16:45

Delivered By: UPS / FedEx / AB Express / Field Sys / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 0.6 Corrected Reading (°C) 1.2

Temperature By: Temperature Blank Surface Temperature  
Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
  - Cover Letter  Container
  - PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: mws Date Completed: 5-22-17

Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )

CAS Order No.:

118842

Client Name: DX

CAS File No.:

7778

Sample ID's in cooler: 5-22-14-12/A 250P  
3, 12S1A-250P

Cooler 6 of 15 for this CAS Order No.

Cooler Identification: CAS Cooler #: \_\_\_\_\_ / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 5/22/14 16:45

Delivered By: UPS / FedEx / AB Express / Field Sys / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 1.5 Corrected Reading (°C) 2.1

Temperature, By: Temperature Blank Surface Temperature

Thermo. ID No.: 202 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
  - Cover Letter  Container
  - PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
(Do not mark if samples do not require cooling to 0.1 - 6.0 °C.)
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: haw Date Completed: 5-23-14

Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.:

118842

Client Name: OXX

CAS File No.:

7775

Sample ID's in cooler: 5-405

195 - 4LA 250P  
108D - 4LA 250P

Cooler 1 of 15 for this CAS Order No.

Cooler Identification: CAS Cooler #: 4010 / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 5/22/14 10:45

Delivered By: UPS / FedEx / AB Express / Field Sys / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 0.5 Corrected Reading (°C) 1.1

Temperature, By: Temperature Blank Surface Temperature

Thermo. ID No.: 505 Thermo. Correction Factor (°C): 0.4

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
  - Cover Letter  Container
  - PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: MWR Date Completed: 5-27-14

Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.: 118842

Client Name: OXX

CAS File No.: 7775

Sample ID's in cooler: 5.22.14 RBL - 4CA, 2SOP

Cooler 16 of 16 for this CAS Order No.

Cooler Identification: CAS Cooler #: 4009 / Client's Cooler / Box / Letter / Hand-delivered

Other: \_\_\_\_\_

Date/Time Cooler Received: 5 / 22 / 14 16 : 45

Delivered By: UPS / FedEx / AB Express / Field Sys / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 2.1 Corrected Reading (°C) 2.7

Temperature, By: Temperature Blank Surface Temperature

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

Chain of Custody not present - information taken from:

Cover Letter  Container   
PO  CAS Proj. Mgr.

Sample excluded from Chain of Custody

Sample listed on Chain of Custody, not received

Sample identification on container and Chain of Custody do not agree

Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]

Cooler temperature exceeded 0.1 - 6.0 °C requirement  
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]

Broken or leaking containers (detail actions below)

Sample container type or labeled chemical preservation inappropriate

Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: *Mandy*

Date Completed: 5-23-14

Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.:

118842

CAS File No.:

7775

Client Name: OX

Sample ID's in cooler: 51-405

1W35A 1W35B 4LA 2W6P

Cooler 12 of 16 for this CAS Order No.

Cooler Identification: CAS Cooler #: 164 / Client's Cooler / Box / Letter / Hand-delivered

Other: \_\_\_\_\_

Date/Time Cooler Received: 5/22/14 16:45

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice Melted Ice Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 1.4 Corrected Reading (°C) 1.6

Temperature, By: Temperature Blank Surface Temperature

Thermo. ID No.: 58 Thermo. Correction Factor (°C): 0.1

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
  - Cover Letter  Container
  - PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: rmar Date Completed: 5/23/14

Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.:

118872

Client Name: OXX

CAS File No.:

7775

Sample ID's in cooler: 51-405

1W29, 1W42, 4LA, 2L09

Cooler 13 of 16 for this CAS Order No.

Cooler Identification: CAS Cooler #: 400 8 / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 5/22/14 16:45

Delivered By: UPS / FedEx / AB Express / Field Sys / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_  
Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 2.8 Corrected Reading (°C) 3.4

*mmw*  
*5.22.14*

Temperature, By: Temperature Blank Surface Temperature  
Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
    - Cover Letter  Container
    - PO  CAS Proj. Mgr.
  - Container label absent
  - Chain of Custody incomplete [see detail below]
  - Chain of Custody missing date/time sampled (excl. TB or Dup.)
  - Date or Time sampled obtained from container label
  - Chain of Custody missing sampler's name
  - Chain of Custody missing matrix (sample type)
  - Missing relinquished information: signature date time
- Sample excluded from Chain of Custody
  - Sample listed on Chain of Custody, not received
  - Sample identification on container and Chain of Custody do not agree
  - Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
  - Cooler temperature exceeded 0.1 - 6.0 °C requirement  
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
  - Broken or leaking containers (detail actions below)
  - Sample container type or labeled chemical preservation inappropriate
  - Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: *mmw* Date Completed: 5-23-14

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.:

118842

Client Name: **OKX**

CAS File No.:

7775

Sample ID's in cooler: **52-60**

**1W31, 1W32 4LA, 250F**

Cooler **14** of **16** for this CAS Order No.

Cooler Identification: CAS Cooler #: **4007** / Client's Cooler / Box / Letter / Hand-delivered

Other: \_\_\_\_\_

Date/Time Cooler Received: **5 / 22 / 17 16 : 45**

Delivered By: UPS / FedEx / AB Express / Field Sys / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: **X** Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / **N/A**

Type of Packing Material: Blue Ice **Ice** Melted Ice **Bubble** Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) **2.6** Corrected Reading (°C) **3.2**

Temperature By: **Temperature Blank** Surface Temperature

Thermo. ID No.: **585** Thermo. Correction Factor (°C): **0.6**

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: **No**  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
  - Cover Letter  Container
  - PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: **dmw** Date Completed: **5-23-17**

Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form (C/S RF)

CAS Order No.:

118892

CAS File No.:

775

Client Name: OX

Sample ID's in cooler: 5-405

1W30 FD7 YLA W66

Cooler 15 of 10 for this CAS Order No.

Cooler Identification: CAS Cooler #: 4027 / Client's Cooler / Box / Letter / Hand-delivered

Other: \_\_\_\_\_

Date/Time Cooler Received: 5/22/14 16:45

Delivered By: UPS / FedEx / AB Express / Field Sys / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 3.3 Corrected Reading (°C) 3.9

Temperature, By: Temperature Blank Surface Temperature

Thermo. ID No.: 502 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
  - Cover Letter  Container
  - PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: mws Date Completed: 5-23-14

Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )

CAS Order No.:

Client Name: DX

CAS File No.:

Sample ID's in cooler: 53-405

1552, 1251A, AMW3 4LA, 2508

Cooler 16 of 16 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3206 / Client's Cooler / Box / Letter / Hand-delivered

Other: \_\_\_\_\_

Date/Time Cooler Received: 5 / 22 / 17 16 : 45

Delivered By: UPS / FedEx / AB Express / Field Sys / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 1.2 Corrected Reading (°C) 1.8

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 505 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: A No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- Chain of Custody not present - information taken from:
  - Cover Letter  Container
  - PO  CAS Proj. Mgr.
- Container label absent
- Chain of Custody incomplete [see detail below]
- Chain of Custody missing date/time sampled (excl. TB or Dup.)
- Date or Time sampled obtained from container label
- Chain of Custody missing sampler's name
- Chain of Custody missing matrix (sample type)
- Missing relinquished information: signature date time

- Sample excluded from Chain of Custody
- Sample listed on Chain of Custody, not received
- Sample identification on container and Chain of Custody do not agree
- Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]
- Cooler temperature exceeded 0.1 - 6.0 °C requirement  
[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.]
- Broken or leaking containers (detail actions below)
- Sample container type or labeled chemical preservation inappropriate
- Other discrepancies: \_\_\_\_\_

Detail to discrepancies/comments:

Completed by: DMW Date Completed: 5-23-17

07/03/2014

Page: 1

Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date and Time Received: 06/12/2014 1425  
 Continental File No.: 7775  
 Continental Order No.: 119307  
 Project ID: 054046-042407  
 Purchase Auth: GSH00009; CRA#42407

Dear Ms. Blair:

This laboratory report, containing the samples indicated below, includes 29 pages for the analytical report, 1 page(s) for the chain of custody and/or analysis request, and 5 page(s) for the sample receipt form.

| <u>CAS LAB ID #</u> | <u>SAMPLE DESCRIPTION</u> | <u>SAMPLE TYPE</u> | <u>DATE SAMPLED</u> |
|---------------------|---------------------------|--------------------|---------------------|
| 14061005            | WG-06112014-JR-DW-8       | Liquid             | 6/11/2014           |
| 14061006            | WG-06112014-JR-DW-21      | Liquid             | 6/11/2014           |
| 14061007            | WG-06112014-JR-IW36       | Liquid             | 6/11/2014           |
| 14061008            | WG-06112014-JR-IW41       | Liquid             | 6/11/2014           |
| 14061009            | WG-06112014-JR-AP2800     | Liquid             | 6/11/2014           |
| 14061010            | WG-06112014-JR-FD8        | Liquid             | 6/11/2014           |
| 14061011            | WG-06112014-JR-MW27S2     | Liquid             | 6/11/2014           |
| 14061011R           | WG-06112014-JR-MW27S2     | Liquid             | 6/11/2014           |
| 14061012            | WG-06112014-JR-MW27S1     | Liquid             | 6/11/2014           |
| 14061013            | TB-06112014-JR            | Liquid             | 6/11/2014           |

The Appendix and Quality Control sections are integral parts of this laboratory report and may contain important data qualifiers.

All results are reported on a wet weight basis unless otherwise stated.

Samples will be retained for thirty days unless Continental is otherwise notified.

Continental is accredited by the State of Kansas through the National Environmental Laboratory Accreditation Program (NELAP). The results contained in this report were obtained using Continental's Standard Operating Procedures. These procedures are in substantial compliance with the approved methods referenced and the standards published by NELAP unless otherwise noted in the Appendix and Quality Control sections of this report.

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Thank you for choosing Continental for this project.



525 N. Eighth St. - Salina, KS 67401  
 785-827-1273 800-535-3076 Fax 785-823-7830  
 KDHE Environmental Laboratory Accreditation No. E-10146



07/03/2014

Page: 2

CONTINENTAL ANALYTICAL SERVICES, INC.



Clifford J. Baker  
Technical Manager



525 N. Eighth St. - Salina, KS 67401  
785-827-1273 800-535-3076 Fax 785-823-7830  
KDHE Environmental Laboratory Accreditation No. E-10146



## Sample Results

Page: 3

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 07/03/2014  
 Date Received: 06/12/2014  
 Continental File No: 7775  
 Continental Order No: 119307

Lab Number: 14061005  
 Sample Description: WG-06112014-JR-DW-8

Date Sampled: 06/11/2014  
 Time Sampled: 1045

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/41          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/41          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/36          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/36          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/36          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/36          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/36          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/36          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/36          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/359         |
| 3-& 4-Chlorophenol             | ND(13) M             | µg/L                      | 7326/359         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/359         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/359         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/359         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/359         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/359         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/359         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/359         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7349/343         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7349/343         |
| Benzene                        | ND(0.5)              | µg/L                      | 7349/343         |
| Carbon tetrachloride           | 0.5                  | µg/L                      | 7349/343         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7349/343         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7349/343         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7349/343         |
| Tetrachloroethylene            | 9.2                  | µg/L                      | 7349/343         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7349/343         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7349/343         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7349/343         |
| Hardness (Calculated)          | 220.                 | mg/L as CaCO <sub>3</sub> | 7157/906         |
| Chloride                       | 137                  | mg/L                      | 7277/503         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 06/18/14 1250             | 06/29/14 1458             | 140618-1        | 1NX5180            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 07/03/2014  
Date Received: 06/12/2014  
Continental File No: 7775  
Continental Order No: 119307

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 06/18/14 1250             | 06/29/14 1458             | 140618-1        | 1NX5180            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 06/17/14 1300             | 06/26/14 1725             | 140617-2        | 1EX3177            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 06/17/14 1500             | 06/27/14 0900             | 140617-5        | 1MS6178            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 06/18/14 0104             | 1MS8168         | 2MS8168            | GMA            | 8260B                |
| Hardness (Calculated)                       | 06/13/14 0823             | 06/17/14 2243             | 140613-4        | 11IP4168           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/17/14 2229             | 2IC2168         | 4IC2168            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14061005

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## Sample Results

Page: 5

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 07/03/2014  
 Date Received: 06/12/2014  
 Continental File No: 7775  
 Continental Order No: 119307

Lab Number: 14061006

Date Sampled: 06/11/2014  
 Time Sampled: 1100

Sample Description: WG-06112014-JR-DW-21

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/41          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/41          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | ND(0.011)            | µg/L                      | 7409/36          |
| B-BHC                          | ND(0.037)            | µg/L                      | 7409/36          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/36          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/36          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/36          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/36          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/36          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/359         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/359         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/359         |
| 2,5-Dichlorophenol             | ND(5.0) QC           | µg/L                      | 7326/359         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/359         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/359         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/359         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/359         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/359         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7349/343         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7349/343         |
| Benzene                        | ND(0.5)              | µg/L                      | 7349/343         |
| Carbon tetrachloride           | ND(0.5)              | µg/L                      | 7349/343         |
| Chloroform                     | ND(0.5)              | µg/L                      | 7349/343         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7349/343         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7349/343         |
| Tetrachloroethylene            | ND(0.5)              | µg/L                      | 7349/343         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7349/343         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7349/343         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7349/343         |
| Hardness (Calculated)          | 162                  | mg/L as CaCO <sub>3</sub> | 7157/906         |
| Chloride                       | 77                   | mg/L                      | 7277/503         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 06/18/14 1250             | 06/29/14 1537             | 140618-1        | 1NX5180            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 07/03/2014  
Date Received: 06/12/2014  
Continental File No: 7775  
Continental Order No: 119307

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 06/18/14 1250             | 06/29/14 1537             | 140618-1        | 1NX5180            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 06/17/14 1300             | 06/26/14 1807             | 140617-2        | 1EX3177            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 06/17/14 1500             | 06/27/14 0944             | 140617-5        | 1MS6178            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 06/17/14 2128             | 1MS8168         | 1MS8168            | GMA            | 8260B                |
| Hardness (Calculated)                       | 06/13/14 0823             | 06/17/14 2247             | 140613-4        | 11IP4168           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/17/14 2244             | 2IC2168         | 4IC2168            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14061006

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## Sample Results

Page: 7

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 07/03/2014  
 Date Received: 06/12/2014  
 Continental File No: 7775  
 Continental Order No: 119307

Lab Number: 14061007  
 Sample Description: WG-06112014-JR-IW36

Date Sampled: 06/11/2014  
 Time Sampled: 1250

| <u>Analysis</u>                | <u>Concentration</u> | <u>Units</u>              | <u>Book/Page</u> |
|--------------------------------|----------------------|---------------------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)              | µg/L                      | 7411/41          |
| Pentachlorophenol              | ND(0.5)              | µg/L                      | 7411/41          |
| OXY Chlorinated Hyd.           |                      |                           |                  |
| A-BHC                          | 0.012                | µg/L                      | 7409/36          |
| B-BHC                          | 0.281                | µg/L                      | 7409/36          |
| G-BHC                          | ND(0.052)            | µg/L                      | 7409/36          |
| Hexachloroethane               | ND(0.02)             | µg/L                      | 7409/36          |
| Hexachlorobutadiene            | ND(0.02)             | µg/L                      | 7409/36          |
| Hexachlorobenzene              | ND(0.10)             | µg/L                      | 7409/36          |
| D-BHC                          | ND(0.05)             | µg/L                      | 7409/36          |
| OXY GC/MS Acids                |                      |                           |                  |
| 2-Chlorophenol                 | ND(5.0)              | µg/L                      | 7326/359         |
| 3-& 4-Chlorophenol             | ND(5.0)              | µg/L                      | 7326/359         |
| 2,4-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/359         |
| 2,5-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/359         |
| 2,6-Dichlorophenol             | ND(5.0)              | µg/L                      | 7326/359         |
| 2,4,5-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/359         |
| 2,4,6-Trichlorophenol          | ND(5.0)              | µg/L                      | 7326/359         |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE           | µg/L                      | 7326/359         |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)              | µg/L                      | 7326/359         |
| OXY Volatiles by 8260          |                      |                           |                  |
| 1,1,1-Trichloroethane          | ND(0.5)              | µg/L                      | 7349/343         |
| 1,2-Dichloroethane             | ND(0.5)              | µg/L                      | 7349/343         |
| Benzene                        | ND(0.5)              | µg/L                      | 7349/343         |
| Carbon tetrachloride           | 20.1                 | µg/L                      | 7349/343         |
| Chloroform                     | 6.3                  | µg/L                      | 7349/343         |
| Chloromethane                  | ND(0.5)              | µg/L                      | 7349/343         |
| Methylene chloride             | ND(0.5)              | µg/L                      | 7349/343         |
| Tetrachloroethylene            | 0.7                  | µg/L                      | 7349/343         |
| Trichloroethylene              | ND(0.5)              | µg/L                      | 7349/343         |
| Vinyl chloride                 | ND(0.5)              | µg/L                      | 7349/343         |
| 1,2-Dichloropropane            | ND(0.5)              | µg/L                      | 7349/343         |
| Hardness (Calculated)          | 676                  | mg/L as CaCO <sub>3</sub> | 7157/906         |
| Chloride                       | 874                  | mg/L                      | 7277/503         |

| <u>Analysis</u>              | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
|------------------------------|---------------------------|---------------------------|-----------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Ac | 06/18/14 1250             | 06/29/14 1735             | 140618-1        | 1NX5180            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

Page: 8

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 07/03/2014  
Date Received: 06/12/2014  
Continental File No: 7775  
Continental Order No: 119307

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 06/18/14 1250             | 06/29/14 1735             | 140618-1        | 1NX5180            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 06/17/14 1300             | 06/26/14 2014             | 140617-2        | 1EX3177            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 06/17/14 1500             | 06/27/14 1158             | 140617-5        | 1MS6178            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 06/18/14 0139             | 1MS8168         | 2MS8168            | GMA            | 8260B                |
| Hardness (Calculated)                       | 06/13/14 0823             | 06/17/14 2312             | 140613-4        | 12IP4168           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/17/14 2328             | 2IC2168         | 4IC2168            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14061007

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## Sample Results

Page: 9

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 07/03/2014  
 Date Received: 06/12/2014  
 Continental File No: 7775  
 Continental Order No: 119307

Lab Number: 14061008  
 Sample Description: WG-06112014-JR-IW41

Date Sampled: 06/11/2014  
 Time Sampled: 1315

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/41          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/41          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/36          |                    |                |                  |
| B-BHC                          | 0.407                     | µg/L                      | 7409/36          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/36          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/36          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/36          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/36          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/36          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/359         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Carbon tetrachloride           | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Chloroform                     | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Hardness (Calculated)          | 271                       | mg/L as CaCO <sub>3</sub> | 7157/906         |                    |                |                  |
| Chloride                       | 114                       | mg/L                      | 7277/503         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 06/18/14 1250             | 06/29/14 1814             | 140618-1         | 1NX5180            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

Page: 10

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 07/03/2014  
Date Received: 06/12/2014  
Continental File No: 7775  
Continental Order No: 119307

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 06/18/14 1250             | 06/29/14 1814             | 140618-1        | 1NX5180            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 06/17/14 1300             | 06/26/14 2056             | 140617-2        | 1EX3177            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 06/17/14 1500             | 06/27/14 1242             | 140617-5        | 1MS6178            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 06/18/14 0215             | 1MS8168         | 2MS8168            | GMA            | 8260B                |
| Hardness (Calculated)                       | 06/13/14 0823             | 06/17/14 2316             | 140613-4        | 12IP4168           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/18/14 0027             | 2IC2168         | 5IC2168            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14061008

## Sample Results

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 07/03/2014  
 Date Received: 06/12/2014  
 Continental File No: 7775  
 Continental Order No: 119307

Lab Number: 14061009

Sample Description: WG-06112014-JR-AP2800

Date Sampled: 06/11/2014  
 Time Sampled: 1355

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/41          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/41          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/36          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/36          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/36          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/36          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/36          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/36          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/36          |                    |                |                  |
| OXY GC/MS Acids                | SR                        |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/359         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Carbon tetrachloride           | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Chloroform                     | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Hardness (Calculated)          | 283                       | mg/L as CaCO <sub>3</sub> | 7157/906         |                    |                |                  |
| Chloride                       | 48                        | mg/L                      | 7277/503         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 06/18/14 1250             | 06/29/14 2011             | 140618-1         | 2NX5180            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 07/03/2014  
Date Received: 06/12/2014  
Continental File No: 7775  
Continental Order No: 119307

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 06/18/14 1250             | 06/29/14 2011             | 140618-1        | 2NX5180            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 06/17/14 1300             | 06/26/14 2139             | 140617-2        | 1EX3177            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 06/17/14 1500             | 06/27/14 1327             | 140617-5        | 1MS6178            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 06/18/14 0251             | 1MS8168         | 2MS8168            | GMA            | 8260B                |
| Hardness (Calculated)                       | 06/13/14 0823             | 06/17/14 2320             | 140613-4        | 12IP4168           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/18/14 0042             | 2IC2168         | 5IC2168            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14061009

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## Sample Results

Page: 13

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 07/03/2014  
 Date Received: 06/12/2014  
 Continental File No: 7775  
 Continental Order No: 119307

Lab Number: 14061010  
 Sample Description: WG-06112014-JR-FD8

Date Sampled: 06/11/2014  
 Time Sampled: 0000

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/41          |                    |                |                  |
| Pentachlorophenol              | ND(0.5)                   | µg/L                      | 7411/41          |                    |                |                  |
| OXY Chlorinated Hyd.           |                           |                           |                  |                    |                |                  |
| A-BHC                          | ND(0.011)                 | µg/L                      | 7409/36          |                    |                |                  |
| B-BHC                          | ND(0.037)                 | µg/L                      | 7409/36          |                    |                |                  |
| G-BHC                          | ND(0.052)                 | µg/L                      | 7409/36          |                    |                |                  |
| Hexachloroethane               | ND(0.02)                  | µg/L                      | 7409/36          |                    |                |                  |
| Hexachlorobutadiene            | ND(0.02)                  | µg/L                      | 7409/36          |                    |                |                  |
| Hexachlorobenzene              | ND(0.10)                  | µg/L                      | 7409/36          |                    |                |                  |
| D-BHC                          | ND(0.05)                  | µg/L                      | 7409/36          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/359         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| 1,2-Dichloroethane             | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Benzene                        | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Carbon tetrachloride           | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Chloroform                     | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Chloromethane                  | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Methylene chloride             | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Tetrachloroethylene            | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Trichloroethylene              | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Vinyl chloride                 | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| 1,2-Dichloropropane            | ND(0.5)                   | µg/L                      | 7349/343         |                    |                |                  |
| Hardness (Calculated)          | 276                       | mg/L as CaCO <sub>3</sub> | 7157/906         |                    |                |                  |
| Chloride                       | 48                        | mg/L                      | 7277/503         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 06/18/14 1250             | 06/29/14 2050             | 140618-1         | 2NX5180            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 07/03/2014  
Date Received: 06/12/2014  
Continental File No: 7775  
Continental Order No: 119307

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| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 06/18/14 1250             | 06/29/14 2050             | 140618-1        | 2NX5180            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 06/17/14 1300             | 06/26/14 2221             | 140617-2        | 1EX3177            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 06/17/14 1500             | 06/27/14 1412             | 140617-5        | 1MS6178            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 06/18/14 0515             | 1MS8168         | 2MS8168            | GMA            | 8260B                |
| Hardness (Calculated)                       | 06/13/14 0823             | 06/17/14 2325             | 140613-4        | 12IP4168           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/18/14 0057             | 2IC2168         | 5IC2168            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14061010

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## Sample Results

Page: 15

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 07/03/2014  
 Date Received: 06/12/2014  
 Continental File No: 7775  
 Continental Order No: 119307

Lab Number: 14061011  
 Sample Description: WG-06112014-JR-MW27S2

Date Sampled: 06/11/2014  
 Time Sampled: 1445

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | 1.7 FC E                  | µg/L                      | 7411/41          |                    |                |                  |
| Pentachlorophenol              | 26                        | µg/L                      | 7411/43          |                    |                |                  |
| OXY Chlorinated Hyd.           | QC                        |                           |                  |                    |                |                  |
| A-BHC                          | ND(4.4)                   | µg/L                      | 7409/36          |                    |                |                  |
| B-BHC                          | ND(15)                    | µg/L                      | 7409/36          |                    |                |                  |
| G-BHC                          | ND(21)                    | µg/L                      | 7409/36          |                    |                |                  |
| Hexachloroethane               | 1030                      | µg/L                      | 7409/36          |                    |                |                  |
| Hexachlorobutadiene            | OC                        | µg/L                      | 7409/36          |                    |                |                  |
| Hexachlorobenzene              | 596                       | µg/L                      | 7409/36          |                    |                |                  |
| D-BHC                          | ND(20)                    | µg/L                      | 7409/36          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/359         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(5)                     | µg/L                      | 7349/343         |                    |                |                  |
| 1,2-Dichloroethane             | ND(5)                     | µg/L                      | 7349/343         |                    |                |                  |
| Benzene                        | ND(5)                     | µg/L                      | 7349/343         |                    |                |                  |
| Carbon tetrachloride           | 165                       | µg/L                      | 7349/343         |                    |                |                  |
| Chloroform                     | 39                        | µg/L                      | 7349/343         |                    |                |                  |
| Chloromethane                  | ND(5)                     | µg/L                      | 7349/343         |                    |                |                  |
| Methylene chloride             | 8                         | µg/L                      | 7349/343         |                    |                |                  |
| Tetrachloroethylene            | 546                       | µg/L                      | 7349/343         |                    |                |                  |
| Trichloroethylene              | 45                        | µg/L                      | 7349/343         |                    |                |                  |
| Vinyl chloride                 | ND(5)                     | µg/L                      | 7349/343         |                    |                |                  |
| 1,2-Dichloropropane            | ND(5)                     | µg/L                      | 7349/343         |                    |                |                  |
| Hardness (Calculated)          | 335                       | mg/L as CaCO <sub>3</sub> | 7157/906         |                    |                |                  |
| Chloride                       | 244                       | mg/L                      | 7277/503         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 06/18/14 1250             | 06/29/14 2129             | 140618-1         | 2NX5180            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 07/03/2014  
Date Received: 06/12/2014  
Continental File No: 7775  
Continental Order No: 119307

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 06/18/14 1250             | 07/01/14 1917             | 140618-1        | 1NX5182            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 06/17/14 1300             | 06/27/14 0027             | 140617-2        | 2EX3177            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 06/17/14 1500             | 06/27/14 1457             | 140617-5        | 1MS6178            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 06/18/14 0327             | 1MS8168         | 2MS8168            | GMA            | 8260B                |
| Hardness (Calculated)                       | 06/13/14 0823             | 06/17/14 2329             | 140613-4        | 12IP4168           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/18/14 0112             | 2IC2168         | 5IC2168            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14061011

## Sample Results

Page: 17

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 07/03/2014  
Date Received: 06/12/2014  
Continental File No: 7775  
Continental Order No: 119307

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Lab Number: 14061011R  
Sample Description: WG-06112014-JR-MW27S2

Date Sampled: 06/11/2014  
Time Sampled: 1445

A laboratory number ending with R is from a second preparation and/or analysis of the sample.

| <u>Analysis</u>                             | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|---|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| OXY Chlorinated Hyd.                        | QC                        |                           |                  |                    |                |                  |
| A-BHC                                       | ND(11)                    | µg/L                      | 7409/36          |                    |                |                  |
| B-BHC                                       | ND(37)                    | µg/L                      | 7409/36          |                    |                |                  |
| G-BHC                                       | ND(52)                    | µg/L                      | 7409/36          |                    |                |                  |
| Hexachloroethane                            | 1060                      | µg/L                      | 7409/36          |                    |                |                  |
| Hexachlorobutadiene                         | 2510                      | µg/L                      | 7409/36          |                    |                |                  |
| Hexachlorobenzene                           | 600                       | µg/L                      | 7409/36          |                    |                |                  |
| D-BHC                                       | ND(50)                    | µg/L                      | 7409/36          |                    |                |                  |
| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| OXY Chlorinated Hyd.                        | 06/17/14 1300             | 06/27/14 1803             | 140617-2         | 4EX3177            | JMM            | 8121             |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                  |                    |                | 3510C            |

Conclusion of Lab Number: 14061011R

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## Sample Results

Page: 18

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 07/03/2014  
 Date Received: 06/12/2014  
 Continental File No: 7775  
 Continental Order No: 119307

Lab Number: 14061012  
 Sample Description: WG-06112014-JR-MW27S1

Date Sampled: 06/11/2014  
 Time Sampled: 1500

| <u>Analysis</u>                | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u> |                    |                |                  |
|--------------------------------|---------------------------|---------------------------|------------------|--------------------|----------------|------------------|
| 2,4-Dichlorophenoxyacetic Acid | ND(1.0)                   | µg/L                      | 7411/41          |                    |                |                  |
| Pentachlorophenol              | 3.8                       | µg/L                      | 7411/43          |                    |                |                  |
| OXY Chlorinated Hyd.           | QC                        |                           |                  |                    |                |                  |
| A-BHC                          | ND(2.2)                   | µg/L                      | 7409/36          |                    |                |                  |
| B-BHC                          | ND(7.4)                   | µg/L                      | 7409/36          |                    |                |                  |
| G-BHC                          | ND(10)                    | µg/L                      | 7409/36          |                    |                |                  |
| Hexachloroethane               | 170                       | µg/L                      | 7409/36          |                    |                |                  |
| Hexachlorobutadiene            | 599                       | µg/L                      | 7409/36          |                    |                |                  |
| Hexachlorobenzene              | ND(20)                    | µg/L                      | 7409/36          |                    |                |                  |
| D-BHC                          | ND(10)                    | µg/L                      | 7409/36          |                    |                |                  |
| OXY GC/MS Acids                |                           |                           |                  |                    |                |                  |
| 2-Chlorophenol                 | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 3-& 4-Chlorophenol             | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,4-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,5-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,6-Dichlorophenol             | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,4,5-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,4,6-Trichlorophenol          | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| 2,3,4,5-Tetrachlorophenol      | ND(5.0) CE                | µg/L                      | 7326/359         |                    |                |                  |
| 2,3,4,6-Tetrachlorophenol      | ND(5.0)                   | µg/L                      | 7326/359         |                    |                |                  |
| OXY Volatiles by 8260          |                           |                           |                  |                    |                |                  |
| 1,1,1-Trichloroethane          | ND(2)                     | µg/L                      | 7349/343         |                    |                |                  |
| 1,2-Dichloroethane             | ND(2)                     | µg/L                      | 7349/343         |                    |                |                  |
| Benzene                        | ND(2)                     | µg/L                      | 7349/343         |                    |                |                  |
| Carbon tetrachloride           | ND(2)                     | µg/L                      | 7349/343         |                    |                |                  |
| Chloroform                     | 42.7                      | µg/L                      | 7349/343         |                    |                |                  |
| Chloromethane                  | ND(2)                     | µg/L                      | 7349/343         |                    |                |                  |
| Methylene chloride             | 9.1                       | µg/L                      | 7349/343         |                    |                |                  |
| Tetrachloroethylene            | 173                       | µg/L                      | 7349/343         |                    |                |                  |
| Trichloroethylene              | 49.7                      | µg/L                      | 7349/343         |                    |                |                  |
| Vinyl chloride                 | ND(2)                     | µg/L                      | 7349/343         |                    |                |                  |
| 1,2-Dichloropropane            | ND(2)                     | µg/L                      | 7349/343         |                    |                |                  |
| Hardness (Calculated)          | 317                       | mg/L as CaCO <sub>3</sub> | 7157/906         |                    |                |                  |
| Chloride                       | 179                       | mg/L                      | 7277/503         |                    |                |                  |
| <u>Analysis</u>                | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>  | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u> |
| 2,4-Dichlorophenoxyacetic Ac   | 06/18/14 1250             | 06/29/14 2208             | 140618-1         | 2NX5180            | JMM            | 8151A(M)         |

-Continued-

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 07/03/2014  
Date Received: 06/12/2014  
Continental File No: 7775  
Continental Order No: 119307

| <u>Analysis</u>                             | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u> | <u>Inst. Batch</u> | <u>Analyst</u> | <u>Method(s)</u>     |
|---|---------------------------|---------------------------|-----------------|--------------------|----------------|----------------------|
| Pentachlorophenol                           | 06/18/14 1250             | 07/01/14 1956             | 140618-1        | 1NX5182            | JMM            | 8151A(M)             |
| OXY Chlorinated Hyd.                        | 06/17/14 1300             | 06/27/14 0110             | 140617-2        | 2EX3177            | JMM            | 8121                 |
| OXY GC/MS Acids                             | 06/17/14 1500             | 06/27/14 1541             | 140617-5        | 1MS6178            | BLP            | 8270C                |
| OXY Volatiles by 8260                       | N/A                       | 06/18/14 0403             | 1MS8168         | 2MS8168            | GMA            | 8260B                |
| Hardness (Calculated)                       | 06/13/14 0823             | 06/17/14 2333             | 140613-4        | 12IP4168           | KMW            | 6010B & SM 2340B     |
| Chloride                                    | N/A                       | 06/18/14 0126             | 2IC2168         | 5IC2168            | MLL            | 300.0/9056A<br>5030B |
| Volatile Analysis Preparation Method        |                           |                           |                 |                    |                | 625/3510C            |
| Acid Preparation Method                     |                           |                           |                 |                    |                | 8151A(M)             |
| Herbicides Preparation Method               |                           |                           |                 |                    |                | 3510C                |
| Chlorinated Hydrocarbons Preparation Method |                           |                           |                 |                    |                | 200.7/6010B          |
| Calculated as Hardness Preparation Method   |                           |                           |                 |                    |                |                      |

Conclusion of Lab Number: 14061012

## Sample Results

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 07/03/2014  
Date Received: 06/12/2014  
Continental File No: 7775  
Continental Order No: 119307

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Lab Number: 14061013  
Sample Description: TB-06112014-JR

Date Sampled: 06/11/2014  
Time Sampled: 1600

| <u>Analysis</u>                      | <u>Concentration</u>      | <u>Units</u>              | <u>Book/Page</u>        |
|--------------------------------------|---------------------------|---------------------------|-------------------------|
| OXY Volatiles by 8260                |                           |                           |                         |
| 1,1,1-Trichloroethane                | ND(0.5)                   | µg/L                      | 7349/343                |
| 1,2-Dichloroethane                   | ND(0.5)                   | µg/L                      | 7349/343                |
| Benzene                              | ND(0.5)                   | µg/L                      | 7349/343                |
| Carbon tetrachloride                 | ND(0.5)                   | µg/L                      | 7349/343                |
| Chloroform                           | ND(0.5)                   | µg/L                      | 7349/343                |
| Chloromethane                        | ND(0.5)                   | µg/L                      | 7349/343                |
| Methylene chloride                   | ND(0.5)                   | µg/L                      | 7349/343                |
| Tetrachloroethylene                  | ND(0.5)                   | µg/L                      | 7349/343                |
| Trichloroethylene                    | ND(0.5)                   | µg/L                      | 7349/343                |
| Vinyl chloride                       | ND(0.5)                   | µg/L                      | 7349/343                |
| 1,2-Dichloropropane                  | ND(0.5)                   | µg/L                      | 7349/343                |
| <u>Analysis</u>                      | <u>Date/Time Prepared</u> | <u>Date/Time Analyzed</u> | <u>QC Batch</u>         |
| OXY Volatiles by 8260                | N/A                       | 06/18/14 0439             | 1MS8168                 |
| Volatile Analysis Preparation Method |                           |                           | 2MS8168 GMA 8260B 5030B |

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Conclusion of Lab Number: 14061013

## Appendix

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 07/03/2014  
Date Received: 06/12/2014  
Continental File No: 7775  
Continental Order No: 119307

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ND( ), where reported, indicates the analyte was not detected above the Limit of Quantitation (LOQ). The concentration of the LOQ is inside the parentheses.

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All samples which require cooling were received at a temperature of less than 6 degrees Celsius.

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No analysis with a holding time of seventy-two hours or less was performed in this Continental order.

---

M - Reporting limit higher than normal due to matrix interferences.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

E - Concentration or reporting limit is an estimated value. Matrix interferences and/or sample heterogeneity were noted at the time of sample analysis.

FC - The confirmation analysis on a second GC column (or detector) resulted in a greater than 40% difference between the primary and confirmation results. The lower value was reported.

OC - The response for this analyte exceeded the calibration range of the instrument. Sample dilution and reanalysis is necessary to obtain an accurate result. The reported result, if provided, is estimated.

QC - QC data qualifiers were noted. See the Quality Control Report.

SR - One or more surrogate recoveries for this analysis did not meet quality control limits. Please see the Quality Control Report for the sample surrogate data.

---

## Accreditation Summary

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Client: Occidental Chemical Corporation  
Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 07/03/2014  
Date Received: 06/12/2014  
Continental File No: 7775  
Continental Order No: 119307

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NELAP accreditation is issued under each EPA regulatory program for a given matrix/analyte/method combination. Continental is NELAP accredited for each matrix/analyte/method and EPA program cited in this Laboratory Report, except for those listed in the table below and for analyses performed in the field. For most of the analyses listed in the table, NELAP accreditation is not offered under the listed EPA program and Continental is NELAP accredited for the analysis, using the same analytical technology, but under a different EPA program. Continental's full NELAP accreditation status may be viewed at [www.kdheks.gov/envlab](http://www.kdheks.gov/envlab). Note that unless qualified otherwise in the Laboratory Report, Continental performs all analyses, including each analysis listed in the table below, utilizing NELAP protocol.

| <u>Test</u> | <u>Analysis</u>           | <u>Matrix-Regulatory Program</u> | <u>Method</u> | <u>CAS NELAP Accredited in Other Reg. Program</u> |
|-------------|---------------------------|----------------------------------|---------------|---|
| CL351       | OXY Chlorinated Hyd.      | L-RCRA                           | 8121          |   |
| CL351       | Hexachloroethane          | L-RCRA                           | 8121          | No  |
| CL351       | Hexachlorobutadiene       | L-RCRA                           | 8121          | No  |
| MS302       | OXY GC/MS Acids           | L-RCRA                           | 8270C         |   |
| MS302       | 3-& 4-Chlorophenol        | L-RCRA                           | 8270C         | No  |
| MS302       | 2,5-Dichlorophenol        | L-RCRA                           | 8270C         | No  |
| MS302       | 2,3,4,5-Tetrachlorophenol | L-RCRA                           | 8270C         | No  |

**Quality Control Report  
Batch Summary**

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Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 07/03/2014  
Date Received: 06/12/2014  
Continental File No: 7775  
Continental Order No: 119307

| Test Code  | Testname                       | QC Batch | Method Blank Date/Time Analyzed | LCS Date/Time Analyzed      | MS Lab No. Date/Time Analyzed |
|--|--------------------------------|----------|---------------------------------|-----------------------------|-------------------------------|
| CL223  | 2,4-Dichlorophenoxyacetic Acid | 140618-1 | 140618BLK1<br>06/29/14 1340     | 140618LCS1<br>06/29/14 1419 | 14061006MS<br>06/29/14 1616   |
| Lab numbers associated with this batch:<br>14061005 14061006 14061007 14061008 14061009 14061010 14061011 14061012           |                                |          |                                 |                             |                               |
| CL350  | Pentachlorophenol              | 140618-1 | 140618BLK1<br>06/29/14 1340     | 140618LCS1<br>06/29/14 1419 | 14061006MS<br>06/29/14 1616   |
| Lab numbers associated with this batch:<br>14061005 14061006 14061007 14061008 14061009 14061010 14061011 14061012           |                                |          |                                 |                             |                               |
| CL351  | OXY Chlorinated Hyd.           | 140617-2 | 140617BLK2<br>06/26/14 1601     | 140617LCS2<br>06/26/14 1643 | 14061006MS<br>06/26/14 1850   |
| Lab numbers associated with this batch:<br>14061005 14061006 14061007 14061008 14061009 14061010 14061011 14061011R 14061012 |                                |          |                                 |                             |                               |
| MS302  | OXY GC/MS Acids                | 140617-5 | 140617BLK5<br>06/27/14 0731     | 140617LCS5<br>06/27/14 0816 | 14061006MS<br>06/27/14 1029   |
| Lab numbers associated with this batch:<br>14061005 14061006 14061007 14061008 14061009 14061010 14061011 14061012           |                                |          |                                 |                             |                               |
| MS350  | OXY Volatiles by 8260          | 1MS8168  | BLK1MS8168<br>06/17/14 1454     | LCS1MS8168<br>06/17/14 1341 | 14061006MS<br>06/17/14 2204   |
| Lab numbers associated with this batch:<br>14061005 14061006 14061007 14061008 14061009 14061010 14061011 14061012 14061013  |                                |          |                                 |                             |                               |
| SL323  | Hardness (Calculated)          | 140613-4 | 140613BLK4<br>06/17/14 2235     | 140613LCS4<br>06/17/14 2239 | 14061006MS<br>06/17/14 2251   |
| Lab numbers associated with this batch:<br>14061005 14061006 14061007 14061008 14061009 14061010 14061011 14061012           |                                |          |                                 |                             |                               |
| GL502  | Chloride                       | 2IC2168  | BLK2IC2168<br>06/17/14 2159     | LCS2IC2168<br>06/17/14 2214 | 14061006MS<br>06/17/14 2258   |
| Lab numbers associated with this batch:<br>14061005 14061006 14061007 14061008 14061009 14061010 14061011 14061012           |                                |          |                                 |                             |                               |

**Quality Control Report**  
**Method Blank, LCS, MS/MSD Data**

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 07/03/2014  
 Date Received: 06/12/2014  
 Continental File No: 7775  
 Continental Order No: 119307

| Analysis                             | Blank   | % Rec   | Limits    | Spike | Spiked Sample |                                |         | Limits    | Spike | Units  | Spiked Sample  |       |
|--------------------------------------|---|---------|-----------|-------|---------------|--------------------------------|---------|-----------|-------|--------|----------------|-------|
|                                      | Data  | LCS     |           | Level | MS            | MSD                            | Level   |           | RPD   |        | Precision Data | Limit |
| <b>QC Batch: 140613-4</b>            | <b>For samples prepared on: 06/13/2014 0823</b> |         |           |       |               | <b>Spiked sample: 14061006</b> |         |           |       |        |                |       |
| <b>Hardness (Calculated)</b>         | ND(5.0)   | 85.8    | 80.0-120  | 357   | mg/L a        | 86.1                           | 87.0    | 80.0-120  | 357   | mg/L a | 0.70           | 20.0  |
| <b>QC Batch: 140617-2</b>            | <b>For samples prepared on: 06/17/2014 1300</b> |         |           |       |               | <b>Spiked sample: 14061006</b> |         |           |       |        |                |       |
| <b>OXY Chlorinated Hyd.</b>          |   |         | N/A       |       |               |                                |         |           | N/A   |        |                |       |
| A-BHC                                | ND(0.011)                                       | 96.2    | 79.1-131  | 0.50  | µg/L          | 100.                           | 108     | 75.2-138  | 0.50  | µg/L   | 8.90           | 15.8  |
| B-BHC                                | ND(0.037)                                       | 88.6    | 75.0-135  | 0.50  | µg/L          | 89.2                           | 90.8    | 72.4-137  | 0.50  | µg/L   | 2.80           | 17.5  |
| G-BHC                                | ND(0.052)                                       | 97.0    | 77.8-133  | 0.50  | µg/L          | 102                            | 110     | 77.9-137  | 0.50  | µg/L   | 9.30           | 16.6  |
| Hexachloroethane                     | ND(0.02)  | 87.2    | 46.8-125  | 0.50  | µg/L          | 89.2                           | 97.6    | 31.6-131  | 0.50  | µg/L   | 10.0           | 22.6  |
| Hexachlorobutadiene                  | ND(0.02)  | 91.6    | 41.2-130  | 0.50  | µg/L          | 88.6                           | 100     | 29.4-129  | 0.50  | µg/L   | 13.3           | 25.6  |
| Hexachlorobenzene                    | ND(0.10)  | 93.0    | 70.8-133  | 0.50  | µg/L          | 90.6                           | 98.4    | 64.7-137  | 0.50  | µg/L   | 9.30           | 19.3  |
| D-BHC                                | ND(0.05)  | 97.0    | 76.9-150  | 0.50  | µg/L          | 102                            | 113     | 73.2-157  | 0.50  | µg/L   | 11.6           | 17.1  |
| <b>Surrogates:</b>                   |   |         |           |       |               |                                |         |           |       |        |                |       |
| 1,4-DICHLORONAPHTHALENE              | 75.6  | 78.0    | 58.6-99.8 | 8.0   | µg/L          | 81.2                           | 81.7    | 58.6-99.8 | 8.0   | µg/L   |                |       |
| <b>QC Batch: 140617-5</b>            | <b>For samples prepared on: 06/17/2014 1500</b> |         |           |       |               | <b>Spiked sample: 14061006</b> |         |           |       |        |                |       |
| <b>OXY GC/MS Acids</b>               |   |         | N/A       |       |               |                                |         |           | N/A   |        |                |       |
| 2-Chlorophenol                       | ND(5.0)   | 92.8    | 70.2-103  | 50.0  | µg/L          | 92.3                           | 92.2    | 69.9-103  | 50.0  | µg/L   | 0.20           | 8.8   |
| 3- & 4-Chlorophenol                  | ND(5.0)   | 80.2    | 60.2-90.2 | 50.0  | µg/L          | 80.8                           | 78.4    | 59.9-92.2 | 50.0  | µg/L   | 3.00           | 10.3  |
| 2,4-Dichlorophenol                   | ND(5.0)   | 91.1    | 69.4-120  | 50.0  | µg/L          | 90.9                           | 101     | 67.9-124  | 50.0  | µg/L   | 10.8           | 12.8  |
| 2,5-Dichlorophenol                   | ND(5.0)   | 103     | 74.7-110  | 50.0  | µg/L          | 106 MH                         | 90.3 MP | 77.0-100  | 50.0  | µg/L   | 16.1           | 14.7  |
| 2,6-Dichlorophenol                   | ND(5.0)   | 98.3    | 75.6-115  | 50.0  | µg/L          | 101                            | 99.0    | 73.8-118  | 50.0  | µg/L   | 2.50           | 7.8   |
| 2,4,5-Trichlorophenol                | ND(5.0)   | 102     | 78.9-118  | 50.0  | µg/L          | 105                            | 101     | 80.6-118  | 50.0  | µg/L   | 3.20           | 8.9   |
| 2,4,6-Trichlorophenol                | ND(5.0)   | 99.2    | 78.5-118  | 50.0  | µg/L          | 103                            | 102     | 79.4-120  | 50.0  | µg/L   | 0.60           | 9.9   |
| 2,3,4,5-Tetrachlorophenol            | ND(5.0) CE                                      | 94.8 CE | 72.6-125  | 100   | µg/L          | 99.3 CE                        | 101 CE  | 73.7-125  | 100   | µg/L   | 1.40           | 11.4  |
| 2,3,4,6-Tetrachlorophenol            | ND(5.0)   | 102     | 72.9-128  | 50.0  | µg/L          | 107                            | 102     | 75.1-128  | 50.0  | µg/L   | 5.60           | 12.5  |
| <b>Surrogates:</b>                   |   |         |           |       |               |                                |         |           |       |        |                |       |
| PHENOL-d6                            | 36.9  | 38.1    | 22.3-43.0 | 150   | µg/L          | 37.4                           | 35.7    | 22.3-43.0 | 150   | µg/L   |                |       |
| 2-FLUOROPHENOL                       | 55.3  | 56.6    | 37.7-66.5 | 150   | µg/L          | 56.9                           | 54.3    | 37.7-66.5 | 150   | µg/L   |                |       |
| 2,4,6-TRIBROMOPHENOL                 | 83.9  | 99.7    | 56.7-128  | 150   | µg/L          | 96.8                           | 99.1    | 56.7-128  | 150   | µg/L   |                |       |
| <b>QC Batch: 140618-1</b>            | <b>For samples prepared on: 06/18/2014 1250</b> |         |           |       |               | <b>Spiked sample: 14061006</b> |         |           |       |        |                |       |
| <b>2,4-Dichlorophenoxyacetic Aci</b> | ND(1.0)   | 93.6    | 69.8-136  | 4.0   | µg/L          | 94.4                           | 96.4    | 77.4-130  | 4.0   | µg/L   | 1.60           | 20.7  |
| <b>Surrogates:</b>                   |   |         |           |       |               |                                |         |           |       |        |                |       |
| 2,4-DICHLOROPHENYLACETIC ACID        | 92.2  | 99.3    | 61.3-125  | 5.0   | µg/L          | 101                            | 96.8    | 61.3-125  | 5.0   | µg/L   |                |       |
| <b>QC Batch: 140618-1</b>            | <b>For samples prepared on: 06/18/2014 1250</b> |         |           |       |               | <b>Spiked sample: 14061006</b> |         |           |       |        |                |       |
| <b>Pentachlorophenol</b>             | ND(0.5)   | 98.3    | 74.9-121  | 4.0   | µg/L          | 77.7                           | 78.0    | 10.5-152  | 4.0   | µg/L   | 0.10           | 16.3  |
| <b>Surrogates:</b>                   |   |         |           |       |               |                                |         |           |       |        |                |       |
| 2,4-DICHLOROPHENYLACETIC ACID        | 92.2  | 99.3    | 61.3-125  | 5.0   | µg/L          | 101                            | 96.8    | 61.3-125  | 5.0   | µg/L   |                |       |
| <b>QC Batch: 1MS8168</b>             | <b>For sample analyzed on: 06/17/2014</b>       |         |           |       |               | <b>Spiked sample: 14061006</b> |         |           |       |        |                |       |
| <b>OXY Volatiles by 8260</b>         |   |         | N/A       |       |               |                                |         |           | N/A   |        |                |       |
| 1,1,1-Trichloroethane                | ND(0.5)   | 106     | 81.5-118  | 10.0  | µg/L          | 109                            | 110     | 80.9-119  | 10.0  | µg/L   | 1.70           | 8.0   |
| 1,2-Dichloroethane                   | ND(0.5)   | 103     | 74.4-117  | 10.0  | µg/L          | 107                            | 108     | 76.0-121  | 10.0  | µg/L   | 1.40           | 10.3  |
| Benzene                              | ND(0.5)   | 104     | 84.4-112  | 10.0  | µg/L          | 106                            | 105     | 79.1-119  | 10.0  | µg/L   | 0.60           | 6.3   |
| Carbon tetrachloride                 | ND(0.5)   | 110     | 81.7-124  | 10.0  | µg/L          | 111                            | 112     | 79.4-126  | 10.0  | µg/L   | 0.70           | 8.3   |
| Chloroform                           | ND(0.5)   | 102     | 75.7-112  | 10.0  | µg/L          | 104                            | 104     | 72.9-119  | 10.0  | µg/L   | 0.50           | 8.1   |
| Chloromethane                        | ND(0.5)   | 100     | 72.2-129  | 10.0  | µg/L          | 97.7                           | 99.6    | 67.0-134  | 10.0  | µg/L   | 1.90           | 11.7  |
| Methylene chloride                   | ND(0.5)   | 95.6    | 77.0-112  | 10.0  | µg/L          | 95.7                           | 97.3    | 75.6-117  | 10.0  | µg/L   | 1.70           | 10.5  |
| Tetrachloroethylene                  | ND(0.5)   | 98.9    | 87.4-118  | 10.0  | µg/L          | 96.7                           | 95.7    | 83.0-120  | 10.0  | µg/L   | 1.00           | 8.2   |
| Trichloroethylene                    | ND(0.5)   | 104     | 82.5-115  | 10.0  | µg/L          | 108                            | 106     | 82.9-118  | 10.0  | µg/L   | 1.80           | 8.3   |
| Vinyl chloride                       | ND(0.5)   | 98.9    | 76.6-130  | 10.0  | µg/L          | 97.2                           | 99.4    | 73.1-135  | 10.0  | µg/L   | 2.20           | 12.6  |

**Quality Control Report  
Method Blank, LCS, MS/MSD Data**

Page: 25

Client: Occidental Chemical Corporation  
Attn: Lisa Blair  
P.O. Box 12283  
Wichita, KS 67277

Date Reported: 07/03/2014  
Date Received: 06/12/2014  
Continental File No: 7775  
Continental Order No: 119307

| Analysis                 | Blank   | % Rec | Spiked Sample |       |              | Spiked Sample |      |          | Precision Data |       |      |       |
|--------------------------|---------|-------|---------------|-------|--------------|---------------|------|----------|----------------|-------|------|-------|
|                          | Data    | LCS   | Limits        | Spike | (% Recovery) | MS            | MSD  | Limits   | Level          | Units | RPD  | Limit |
| <b>QC Batch: 1MS8168</b> |         |       |               |       |              |               |      |          |                |       |      |       |
| 1,2-Dichloropropane      | ND(0.5) | 102   | 80.8-112      | 10.0  | µg/L         | 103           | 104  | 81.1-116 | 10.0           | µg/L  | 0.10 | 9.9   |
| <b>Surrogates:</b>       |         |       |               |       |              |               |      |          |                |       |      |       |
| 1,2-DICHLOROETHANE-d4    | 97.4    | 98.2  | 74.9-126      | 10.0  | µg/L         | 102           | 103  | 74.9-126 | 10.0           | µg/L  |      |       |
| TOLUENE-d8               | 103     | 104   | 90.5-117      | 10.0  | µg/L         | 104           | 104  | 90.5-117 | 10.0           | µg/L  |      |       |
| <b>QC Batch: 2IC2168</b> |         |       |               |       |              |               |      |          |                |       |      |       |
| Chloride                 | ND(1.0) | 102   | 90.0-110      | 4.0   | mg/L         | 103           | 96.4 | 71.9-123 | 40.0           | mg/L  | 2.20 | 5.2   |

Data Qualifiers:

MH - The matrix spike and/or matrix spike duplicate recovery for this analyte was above the method or laboratory control limit. See LCS data for the basis for acceptance of this sample. The reported sample concentration is estimated.

MP - The MS/MSD recoveries for this analyte exceeded the method or laboratory precision control limit. The reported sample concentration is estimated.

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

# Quality Control Report

## Sample Surrogate Data

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Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 07/03/2014  
 Date Received: 06/12/2014  
 Continental File No: 7775  
 Continental Order No: 119307

| <b>Surrogate</b>              | <b>Date Prepared</b>                           | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|-------------------------------|--|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14061005</b>   | <b>Sample Description:WG-06112014-JR-DW-8</b>  |                      |                    |              |                   |                            |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 06/18/2014                                     | 06/29/2014           | 5.0                | µg/L         | 97.9              | 61.3-125                   |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 06/18/2014                                     | 06/29/2014           | 5.0                | µg/L         | 97.9              | 61.3-125                   |
| OXY Chlorinated Hyd.          |  |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 06/17/2014                                     | 06/26/2014           | 8.0                | µg/L         | 78.9              | 58.6-99.8                  |
| OXY GC/MS Acids               |  |                      |                    |              |                   |                            |
| PHENOL-d6                     | 06/17/2014                                     | 06/27/2014           | 150                | µg/L         | 35.0              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 06/17/2014                                     | 06/27/2014           | 150                | µg/L         | 52.7              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 06/17/2014                                     | 06/27/2014           | 150                | µg/L         | 87.4              | 56.7-128                   |
| OXY Volatiles by 8260         |  |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |  | 06/18/2014           | 10                 | µg/L         | 105               | 74.9-126                   |
| TOLUENE-d8                    |  | 06/18/2014           | 10                 | µg/L         | 103               | 90.5-117                   |
| <b>Lab Number: 14061006</b>   | <b>Sample Description:WG-06112014-JR-DW-21</b> |                      |                    |              |                   |                            |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 06/18/2014                                     | 06/29/2014           | 5.0                | µg/L         | 95.7              | 61.3-125                   |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 06/18/2014                                     | 06/29/2014           | 5.0                | µg/L         | 95.7              | 61.3-125                   |
| OXY Chlorinated Hyd.          |  |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 06/17/2014                                     | 06/26/2014           | 8.0                | µg/L         | 79.2              | 58.6-99.8                  |
| OXY GC/MS Acids               |  |                      |                    |              |                   |                            |
| PHENOL-d6                     | 06/17/2014                                     | 06/27/2014           | 150                | µg/L         | 35.6              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 06/17/2014                                     | 06/27/2014           | 150                | µg/L         | 54.7              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 06/17/2014                                     | 06/27/2014           | 150                | µg/L         | 88.9              | 56.7-128                   |
| OXY Volatiles by 8260         |  |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |  | 06/17/2014           | 10                 | µg/L         | 101               | 74.9-126                   |
| TOLUENE-d8                    |  | 06/17/2014           | 10                 | µg/L         | 102               | 90.5-117                   |
| <b>Lab Number: 14061007</b>   | <b>Sample Description:WG-06112014-JR-IW36</b>  |                      |                    |              |                   |                            |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 06/18/2014                                     | 06/29/2014           | 5.0                | µg/L         | 101               | 61.3-125                   |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 06/18/2014                                     | 06/29/2014           | 5.0                | µg/L         | 101               | 61.3-125                   |
| OXY Chlorinated Hyd.          |  |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 06/17/2014                                     | 06/26/2014           | 8.0                | µg/L         | 74.6              | 58.6-99.8                  |
| OXY GC/MS Acids               |  |                      |                    |              |                   |                            |
| PHENOL-d6                     | 06/17/2014                                     | 06/27/2014           | 150                | µg/L         | 34.9              | 22.3-43.0                  |
| 2-FLUOROPHENOL                | 06/17/2014                                     | 06/27/2014           | 150                | µg/L         | 53.3              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL          | 06/17/2014                                     | 06/27/2014           | 150                | µg/L         | 87.3              | 56.7-128                   |
| OXY Volatiles by 8260         |  |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4         |  | 06/18/2014           | 10                 | µg/L         | 104               | 74.9-126                   |
| TOLUENE-d8                    |  | 06/18/2014           | 10                 | µg/L         | 101               | 90.5-117                   |
| <b>Lab Number: 14061008</b>   | <b>Sample Description:WG-06112014-JR-IW41</b>  |                      |                    |              |                   |                            |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 06/18/2014                                     | 06/29/2014           | 5.0                | µg/L         | 103               | 61.3-125                   |
| Herbicides                    |  |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID | 06/18/2014                                     | 06/29/2014           | 5.0                | µg/L         | 103               | 61.3-125                   |
| OXY Chlorinated Hyd.          |  |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE       | 06/17/2014                                     | 06/26/2014           | 8.0                | µg/L         | 74.0              | 58.6-99.8                  |
| OXY GC/MS Acids               |  |                      |                    |              |                   |                            |
| PHENOL-d6                     | 06/17/2014                                     | 06/27/2014           | 150                | µg/L         | 35.5              | 22.3-43.0                  |

# Quality Control Report

## Sample Surrogate Data

Page: 27

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 07/03/2014  
 Date Received: 06/12/2014  
 Continental File No: 7775  
 Continental Order No: 119307

| <b>Surrogate</b>                                | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|---|----------------------|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14061008</b>                     |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-06112014-JR-IW41</b>   |                      |                      |                    |              |                   |                            |
| OXY GC/MS Acids                                 |                      |                      |                    |              |                   |                            |
| 2-FLUOROPHENOL                                  | 06/17/2014           | 06/27/2014           | 150                | µg/L         | 53.6              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 06/17/2014           | 06/27/2014           | 150                | µg/L         | 86.4              | 56.7-128                   |
| OXY Volatiles by 8260                           |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                           |                      | 06/18/2014           | 10                 | µg/L         | 102               | 74.9-126                   |
| TOLUENE-d8                                      |                      | 06/18/2014           | 10                 | µg/L         | 102               | 90.5-117                   |
| <b>Lab Number: 14061009</b>                     |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-06112014-JR-AP2800</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 06/18/2014           | 06/29/2014           | 5.0                | µg/L         | 100.              | 61.3-125                   |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 06/18/2014           | 06/29/2014           | 5.0                | µg/L         | 100.              | 61.3-125                   |
| OXY Chlorinated Hyd.                            |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                         | 06/17/2014           | 06/26/2014           | 8.0                | µg/L         | 72.8              | 58.6-99.8                  |
| OXY GC/MS Acids                                 |                      |                      |                    |              |                   |                            |
| PHENOL-d6                                       | 06/17/2014           | 06/27/2014           | 150                | µg/L         | 43.8 SH           | 22.3-43.0                  |
| 2-FLUOROPHENOL                                  | 06/17/2014           | 06/27/2014           | 150                | µg/L         | 61.7              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 06/17/2014           | 06/27/2014           | 150                | µg/L         | 90.9              | 56.7-128                   |
| OXY Volatiles by 8260                           |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                           |                      | 06/18/2014           | 10                 | µg/L         | 104               | 74.9-126                   |
| TOLUENE-d8                                      |                      | 06/18/2014           | 10                 | µg/L         | 102               | 90.5-117                   |
| <b>Lab Number: 14061010</b>                     |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-06112014-JR-FD8</b>    |                      |                      |                    |              |                   |                            |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 06/18/2014           | 06/29/2014           | 5.0                | µg/L         | 99.4              | 61.3-125                   |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 06/18/2014           | 06/29/2014           | 5.0                | µg/L         | 99.4              | 61.3-125                   |
| OXY Chlorinated Hyd.                            |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                         | 06/17/2014           | 06/26/2014           | 8.0                | µg/L         | 77.0              | 58.6-99.8                  |
| OXY GC/MS Acids                                 |                      |                      |                    |              |                   |                            |
| PHENOL-d6                                       | 06/17/2014           | 06/27/2014           | 150                | µg/L         | 37.2              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                  | 06/17/2014           | 06/27/2014           | 150                | µg/L         | 54.6              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 06/17/2014           | 06/27/2014           | 150                | µg/L         | 89.7              | 56.7-128                   |
| OXY Volatiles by 8260                           |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                           |                      | 06/18/2014           | 10                 | µg/L         | 110.              | 74.9-126                   |
| TOLUENE-d8                                      |                      | 06/18/2014           | 10                 | µg/L         | 102               | 90.5-117                   |
| <b>Lab Number: 14061011</b>                     |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-06112014-JR-MW27S2</b> |                      |                      |                    |              |                   |                            |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 06/18/2014           | 06/29/2014           | 5.0                | µg/L         | 104               | 61.3-125                   |
| Herbicides                                      |                      |                      |                    |              |                   |                            |
| 2,4-DICHLOROPHENYLACETIC ACID                   | 06/18/2014           | 07/01/2014           | 5.0                | µg/L         | 88.8              | 61.3-125                   |
| OXY Chlorinated Hyd.                            |                      |                      |                    |              |                   |                            |
| 1,4-DICHLORONAPHTHALENE                         | 06/17/2014           | 06/27/2014           | 8.0                | µg/L         | C                 | 58.6-99.8                  |
| OXY GC/MS Acids                                 |                      |                      |                    |              |                   |                            |
| PHENOL-d6                                       | 06/17/2014           | 06/27/2014           | 150                | µg/L         | 37.7              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                  | 06/17/2014           | 06/27/2014           | 150                | µg/L         | 56.8              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                            | 06/17/2014           | 06/27/2014           | 150                | µg/L         | 98.0              | 56.7-128                   |
| OXY Volatiles by 8260                           |                      |                      |                    |              |                   |                            |
| 1,2-DICHLOROETHANE-d4                           |                      | 06/18/2014           | 100                | µg/L         | 109               | 74.9-126                   |
| TOLUENE-d8                                      |                      | 06/18/2014           | 100                | µg/L         | 99.2              | 90.5-117                   |
| <b>Lab Number: 14061011R</b>                    |                      |                      |                    |              |                   |                            |
| <b>Sample Description:WG-06112014-JR-MW27S2</b> |                      |                      |                    |              |                   |                            |

# Quality Control Report

## Sample Surrogate Data

Page: 28

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 07/03/2014  
 Date Received: 06/12/2014  
 Continental File No: 7775  
 Continental Order No: 119307

| <b>Surrogate</b>                                    | <b>Date Prepared</b>                            | <b>Date Analyzed</b> | <b>Spike Level</b> | <b>Units</b> | <b>% Recovery</b> | <b>Acceptable % Limits</b> |
|---|---|----------------------|--------------------|--------------|-------------------|----------------------------|
| <b>Lab Number: 14061011R</b>                        | <b>Sample Description:WG-06112014-JR-MW27S2</b> |                      |                    |              |                   |                            |
| Chlorinated Hydrocarbons<br>1,4-DICHLORONAPHTHALENE | 06/17/2014                                      | 06/27/2014           | 8.0                | µg/L         | C                 | 58.6-99.8                  |
| <b>Lab Number: 14061012</b>                         | <b>Sample Description:WG-06112014-JR-MW27S1</b> |                      |                    |              |                   |                            |
| Herbicides<br>2,4-DICHLOROPHENYLACETIC ACID         | 06/18/2014                                      | 06/29/2014           | 5.0                | µg/L         | 82.2              | 61.3-125                   |
| Herbicides<br>2,4-DICHLOROPHENYLACETIC ACID         | 06/18/2014                                      | 07/01/2014           | 5.0                | µg/L         | 91.5              | 61.3-125                   |
| OXY Chlorinated Hyd.<br>1,4-DICHLORONAPHTHALENE     | 06/17/2014                                      | 06/27/2014           | 8.0                | µg/L         | C                 | 58.6-99.8                  |
| OXY GC/MS Acids<br>PHENOL-d6                        | 06/17/2014                                      | 06/27/2014           | 150                | µg/L         | 37.3              | 22.3-43.0                  |
| 2-FLUOROPHENOL                                      | 06/17/2014                                      | 06/27/2014           | 150                | µg/L         | 55.7              | 37.7-66.5                  |
| 2,4,6-TRIBROMOPHENOL                                | 06/17/2014                                      | 06/27/2014           | 150                | µg/L         | 101               | 56.7-128                   |
| OXY Volatiles by 8260<br>1,2-DICHLOROETHANE-d4      |   | 06/18/2014           | 40                 | µg/L         | 105               | 74.9-126                   |
| TOLUENE-d8  |   | 06/18/2014           | 40                 | µg/L         | 101               | 90.5-117                   |
| <b>Lab Number: 14061013</b>                         | <b>Sample Description:TB-06112014-JR</b>        |                      |                    |              |                   |                            |
| OXY Volatiles by 8260<br>1,2-DICHLOROETHANE-d4      | 06/18/2014                                      | 10                   | µg/L               | 111          | 74.9-126          |                            |
| TOLUENE-d8  | 06/18/2014                                      | 10                   | µg/L               | 100.         | 90.5-117          |                            |

Data Qualifiers:

SH - One or more surrogate recoveries for this analysis was above the method or laboratory control limits. The reported sample concentration may be biased high.

C - Due to matrix interference(s) and/or high concentration(s) of analyte(s) present in the sample, dilution was required causing the spike level for this analyte to be below the reporting limit and/or below the lowest point of the calibration curve.

**Quality Control Report**  
**Continuing Calibration Report**

Page: 29

Client: Occidental Chemical Corporation  
 Attn: Lisa Blair  
 P.O. Box 12283  
 Wichita, KS 67277

Date Reported: 07/03/2014  
 Date Received: 06/12/2014  
 Continental File No: 7775  
 Continental Order No: 119307

| <u>Analysis</u>                | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u>                          | <u>Amount Detected</u> | <u>Units</u> | <u>Percent Recovery</u> |
|--------------------------------|-------------------------|----------------------------|--|------------------------|--------------|-------------------------|
| 2,4-Dichlorophenoxyacetic Acid | 06/29/2014              | 1NX5180                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 06/29/2014              | 2NX5180                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| 2,4-Dichlorophenoxyacetic Acid | 06/29/2014              | 3NX5180                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 06/29/2014              | 1NX5180                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 06/29/2014              | 2NX5180                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 06/29/2014              | 3NX5180                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 07/01/2014              | 1NX5182                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Pentachlorophenol              | 07/01/2014              | 2NX5182                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 06/26/2014              | 1EX3177                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 06/26/2014              | 2EX3177                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 06/27/2014              | 3EX3177                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 06/27/2014              | 4EX3177                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Chlorinated Hyd.           | 06/27/2014              | 5EX3177                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 06/17/2014              | 4IC2168                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 06/17/2014              | 5IC2168                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Chloride                       | 06/18/2014              | 6IC2168                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Hardness (Calculated)          | 06/17/2014              | 11IP4168                   | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Hardness (Calculated)          | 06/17/2014              | 12IP4168                   | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| Hardness (Calculated)          | 06/17/2014              | 13IP4168                   | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY GC/MS Acids                | 06/27/2014              |                            | CCV recovery acceptable except as qualified below. |                        |              |                         |
| 2,3,4,5-Tetrachlorophenol      | 06/27/2014              | 1MS6178                    | 100  | 102                    | µg/ml        | 102 CE                  |

Samples associated with this Continuing Calibration Verification:

| <u>Laboratory Number</u> | <u>Instrument Batch</u> | <u>Sample Description</u> |
|--------------------------|-------------------------|---------------------------|
| 14061005                 | 1MS6178                 | WG-06112014-JR-DW-8       |
| 14061006                 | 1MS6178                 | WG-06112014-JR-DW-21      |
| 14061007                 | 1MS6178                 | WG-06112014-JR-IW36       |
| 14061008                 | 1MS6178                 | WG-06112014-JR-IW41       |
| 14061009                 | 1MS6178                 | WG-06112014-JR-AP2800     |
| 14061010                 | 1MS6178                 | WG-06112014-JR-FD8        |
| 14061011                 | 1MS6178                 | WG-06112014-JR-MW27S2     |
| 14061012                 | 1MS6178                 | WG-06112014-JR-MW27S1     |

| <u>Analysis</u>       | <u>Date of Analysis</u> | <u>Instrument Batch ID</u> | <u>Amount in Standard</u>                          | <u>Amount Detected</u> | <u>Units</u> | <u>Percent Recovery</u> |
|-----------------------|-------------------------|----------------------------|--|------------------------|--------------|-------------------------|
| OXY Volatiles by 8260 | 06/17/2014              | 1MS8168                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |
| OXY Volatiles by 8260 | 06/17/2014              | 2MS8168                    | CCV recovery acceptable for this Instrument Batch. |                        |              |                         |

**Data Qualifiers:**

CE - Compound coelutes. The value and/or spike level reported is a sum of coeluting compounds.

- Laboratory Report Conclusion -

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.: 119307

Client Name: OXY

CAS File No.: 7725

Sample ID's in cooler: SLA 2-2508

SLA 2-2508

Cooler 1 of 5 for this CAS Order No.

Cooler Identification: CAS Cooler #: \_\_\_\_\_ Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: 6/12/14 14:28

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 0.7 Corrected Reading (°C) 1.4

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 505 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:        | <input type="checkbox"/> Sample excluded from Chain of Custody  |
| Cover Letter <input type="checkbox"/> Container <input type="checkbox"/>               | <input type="checkbox"/> Sample listed on Chain of Custody, not received  |
| PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/>                    | <input type="checkbox"/> Sample identification on container and Chain of Custody do not agree   |
| <input type="checkbox"/> Container label absent  | <input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]                | <input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.] |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.) | <input type="checkbox"/> Broken or leaking containers (detail actions below)  |
| <input type="checkbox"/> Date or Time sampled obtained from container label            | <input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate   |
| <input type="checkbox"/> Chain of Custody missing sampler's name                       | <input type="checkbox"/> Other discrepancies: _____   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)                 |   |
| <input type="checkbox"/> Missing relinquished information: signature date time         |   |

Detail to discrepancies/comments:

Completed by: MH Date Completed: 6/12/14

**Continental Analytical Services, Inc.  
Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.: 119307

Client Name: Oxy

CAS File No.: 778

Sample ID's in cooler: Se-1a

Af 20°0, fb) YLA 200P

Cooler 2 of 5 for this CAS Order No.

Cooler Identification: CAS Cooler #: 1162 / Client's Cooler / Box / Letter / Hand-delivered  
Other: \_\_\_\_\_

Date/Time Cooler Received: 6/12/14 : 25

Delivered By: UPS / FedEx / AB Express / Field Sys / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 15 Corrected Reading (°C) 2.1

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 58 Thermo. Correction Factor (°C): 0.1

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:        | <input type="checkbox"/> Sample excluded from Chain of Custody  |
| Cover Letter <input type="checkbox"/> Container <input type="checkbox"/>               | <input type="checkbox"/> Sample listed on Chain of Custody, not received  |
| PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/>                    | <input type="checkbox"/> Sample identification on container and Chain of Custody do not agree   |
| <input type="checkbox"/> Container label absent  | <input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]                | <input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.] |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.) | <input type="checkbox"/> Broken or leaking containers (detail actions below)  |
| <input type="checkbox"/> Date or Time sampled obtained from container label            | <input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate   |
| <input type="checkbox"/> Chain of Custody missing sampler's name                       | <input type="checkbox"/> Other discrepancies: _____   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)                 |   |
| <input type="checkbox"/> Missing relinquished information: signature date time         |   |

Detail to discrepancies/comments:

Completed by: haw Date Completed: 6-12-14

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.: 119307

Client Name: OXY

CAS File No.: 7775

Sample ID's in cooler: 5-105

DW 8 DUNI VCA 2008 VOA

Cooler 3 of 5 for this CAS Order No.

Cooler Identification: CAS Cooler #: 3855 / Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: 6/12/14 14:25

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice Ice / Melted Ice Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 1.9 Corrected Reading (°C) 2.0

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 505 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies: X No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:        | <input type="checkbox"/> Sample excluded from Chain of Custody  |
| Cover Letter <input type="checkbox"/> Container <input type="checkbox"/>               | <input type="checkbox"/> Sample listed on Chain of Custody, not received  |
| PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/>                    | <input type="checkbox"/> Sample identification on container and Chain of Custody do not agree   |
| <input type="checkbox"/> Container label absent  | <input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]                | <input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.] |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.) | <input type="checkbox"/> Broken or leaking containers (detail actions below)  |
| <input type="checkbox"/> Date or Time sampled obtained from container label            | <input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate   |
| <input type="checkbox"/> Chain of Custody missing sampler's name                       | <input type="checkbox"/> Other discrepancies: _____   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)                 |   |
| <input type="checkbox"/> Missing relinquished information: signature date time         |   |

Detail to discrepancies/comments:

Completed by: MW Date Completed: 6/12/14

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.: *119357*

Client Name: *OX*

CAS File No.: *775*

Sample ID's in cooler: *5.. 100*

*1W36, 1W41 4LA, 250P*

Cooler *Y* of *5* for this CAS Order No.

Cooler Identification: CAS Cooler #: \_\_\_\_\_ / Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: *6/12/14 14:25*

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: *X* Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / *N/A*

Type of Packing Material: Blue Ice *Ice* / Melted Ice *Bubble* / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) *0.5* Corrected Reading (°C) *1.1*

Temperature By: *Temperature Blank* Surface Temperature

Thermo. ID No.: *585* Thermo. Correction Factor (°C): *0.6*

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:        | <input type="checkbox"/> Sample excluded from Chain of Custody  |
| Cover Letter <input type="checkbox"/> Container <input type="checkbox"/>               | <input type="checkbox"/> Sample listed on Chain of Custody, not received  |
| PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/>                    | <input type="checkbox"/> Sample identification on container and Chain of Custody do not agree   |
| <input type="checkbox"/> Container label absent  | <input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]                | <input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.] |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.) | <input type="checkbox"/> Broken or leaking containers (detail actions below)  |
| <input type="checkbox"/> Date or Time sampled obtained from container label            | <input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate   |
| <input type="checkbox"/> Chain of Custody missing sampler's name                       | <input type="checkbox"/> Other discrepancies: _____   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)                 |   |
| <input type="checkbox"/> Missing relinquished information: signature date time         |   |

Detail to discrepancies/comments:

Completed by: *kmw* Date Completed: *6-12-14*

**Continental Analytical Services, Inc.**  
**Cooler/Sample Receipt Form ( C/S RF )**

CAS Order No.: *19357*

Client Name: *oxy*

CAS File No.: *5775*

Sample ID's in cooler:

*2752, 2761 YLA, 2708*

Cooler 5 of 5 for this CAS Order No.

Cooler Identification: CAS Cooler #: 2334 / Client's Cooler / Box / Letter / Hand-delivered  
 Other: \_\_\_\_\_

Date/Time Cooler Received: 6/12/14 14:25

Delivered By: UPS / FedEx / AB Express / Field Svcs / Mail / Walk-In / Other: \_\_\_\_\_

Custody Seal: Present: Intact / Broken Absent: X Seal No: \_\_\_\_\_

Seal Name: \_\_\_\_\_ Seal Date: \_\_\_\_\_

Seal matches Chain of Custody: Yes / No / N/A

Type of Packing Material: Blue Ice / Ice / Melted Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / None / Other: \_\_\_\_\_

Cooler Temperature (°C): Original Reading (°C) 2.1 Corrected Reading (°C) 2.7

Temperature By: Temperature Blank Surface Temperature

Thermo. ID No.: 585 Thermo. Correction Factor (°C): 0.6

Evidence of Cooling and date received = date sampled

Sample Receipt Discrepancies:  No  Yes (See below for discrepancies.)

Note: If discrepancies are present, CAS will proceed with analyses until/unless directed otherwise by the client.

- |  |   |
|--|---|
| <input type="checkbox"/> Chain of Custody not present - information taken from:        | <input type="checkbox"/> Sample excluded from Chain of Custody  |
| Cover Letter <input type="checkbox"/> Container <input type="checkbox"/>               | <input type="checkbox"/> Sample listed on Chain of Custody, not received  |
| PO <input type="checkbox"/> CAS Proj. Mgr. <input type="checkbox"/>                    | <input type="checkbox"/> Sample identification on container and Chain of Custody do not agree   |
| <input type="checkbox"/> Container label absent  | <input type="checkbox"/> Air bubbles in Aqueous VOA vials larger than pea-size [approx. 6 mm]   |
| <input type="checkbox"/> Chain of Custody incomplete [see detail below]                | <input type="checkbox"/> Cooler temperature exceeded 0.1 - 6.0 °C requirement<br>[Do not mark if samples do not require cooling to 0.1 - 6.0 °C.] |
| <input type="checkbox"/> Chain of Custody missing date/time sampled (excl. TB or Dup.) | <input type="checkbox"/> Broken or leaking containers (detail actions below)  |
| <input type="checkbox"/> Date or Time sampled obtained from container label            | <input type="checkbox"/> Sample container type or labeled chemical preservation inappropriate   |
| <input type="checkbox"/> Chain of Custody missing sampler's name                       | <input type="checkbox"/> Other discrepancies: _____   |
| <input type="checkbox"/> Chain of Custody missing matrix (sample type)                 |   |
| <input type="checkbox"/> Missing relinquished information: signature date time         |   |

Detail to discrepancies/comments:

Completed by: *mmw* Date Completed: *6-12-14*



Report END - 06/11/14  
CONESTOGA-ROVERS  
& ASSOCIATES

SSOW 251-402-D02-3100

# CHAIN OF CUSTODY RECORD

Address: 8615 W. Bryn Mawr Ave, Chicago, IL

Phone: 773-380-7733

Fax:

COC NO: 38163  
PAGE 1 OF 1  
(See Reverse Side for Instructions)

CAS ORDER NO: 119259

| Project No/Phase/Task Code:<br><b>054046</b>                                      |                       |         | Laboratory Name:<br><b>Continental Analytical</b> |                      |             | Lab Location:<br><b>Salina, KS</b>    |                                 |   | SSOW ID:   |                           |                       |                                |                        |   |             |
|---|-----------------------|---------|---|----------------------|-------------|---------------------------------------|---------------------------------|---|--|---------------------------|-----------------------|--------------------------------|------------------------|---|-------------|
| Project Name:<br><b>OCCE Wichita</b>  |                       |         | Lab Contact:<br><b>Cliff Baker</b>                |                      |             | Lab Quote No:                         |                                 |   | Cooler No:   |                           |                       |                                |                        |   |             |
| Project Location:<br><b>Wichita, KS</b>   |                       |         | SAMPLE TYPE                                       |                      |             | CONTAINER QUANTITY & PRESERVATION     |                                 |   | ANALYSIS REQUESTED<br>(See General Column for Definitions) |                           |                       | Carrier:<br><b>Continental</b> |                        |   |             |
| Chemistry Contact:<br><b>Paul McMahon</b>   |                       |         | Matrix Code<br>(see back of COC)                  | Grab (G) or Comp (C) | Unpreserved | Hydrochloric Acid (HCl)               | Nitric Acid (HNO <sub>3</sub> ) | Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ) | Sodium Hydroxide (NaOH)                                    | Methanol/Water (Soil VOC) | EnCores 3x5-g, 1x25-g | Other:                         | Total Container/Sample | MS/MSD Request                                      | Airbill No: |
| Sampler(s):<br><b>Jeremy Raye</b>   |                       |         |   |                      |             |                                       |                                 |   |  |                           |                       |                                |                        | Date Shipped:<br><b>6/12/14</b>                     |             |
| SAMPLE IDENTIFICATION<br>(Containers for each sample may be combined on one line) |                       |         | DATE<br>(MM/DD/YY)                                | TIME<br>(MM:SS)      |             |                                       |                                 |   |  |                           |                       |                                |                        | COMMENTS/<br>SPECIAL INSTRUCTIONS:<br><b>MS/MSD</b> |             |
| 1   | Wh-06112014-JR-DW-8   | 6/11/14 | 10:45   | WG                   | G           | 5                                     | 3                               |   |  |                           |                       |                                | 8                      | X X X X   |             |
| 2   | Wh-06112014-JR-DW-21  |         | 11:00   |                      |             | 15                                    | 9                               |   |  |                           |                       |                                | 24                     | X X X X   |             |
| 3   | Wh-06112014-JR-IW36   |         | 12:50   |                      |             | 5                                     | 3                               |   |  |                           |                       |                                | 8                      | X X X X   |             |
| 4   | Wh-06112014-JR-IW41   |         | 13:15   |                      |             | 5                                     | 3                               |   |  |                           |                       |                                | 8                      | X X X X   |             |
| 5   | Wh-06112014-JR-AP2800 |         | 13:55   |                      |             | 5                                     | 3                               |   |  |                           |                       |                                | 8                      | X X X X   |             |
| 6   | Wh-06112014-JR-FD8    |         | 0:00  |                      |             | 5                                     | 3                               |   |  |                           |                       |                                | 8                      | X X X X   |             |
| 7   | Wh-06112014-JR-MW2752 |         | 14:45   |                      |             | 5                                     | 3                               |   |  |                           |                       |                                | 8                      | X X X X   |             |
| 8   | Wh-06112014-JR-MW2751 |         | 15:00   |                      |             | 5                                     | 3                               |   |  |                           |                       |                                | 8                      | X X X X   |             |
| 9   | TB-06112014-JR        |         | 16:00   |                      |             |                                       | 3                               |   |  |                           |                       |                                | 3                      | X   |             |
| 10  |                       |         |   |                      |             |                                       |                                 |   |  |                           |                       |                                |                        |   |             |
| 11  |                       |         |   |                      |             |                                       |                                 |   |  |                           |                       |                                |                        |   |             |
| 12  |                       |         |   |                      |             |                                       |                                 |   |  |                           |                       |                                |                        |   |             |
| 13  |                       |         |   |                      |             |                                       |                                 |   |  |                           |                       |                                |                        |   |             |
| 14  |                       |         |   |                      |             |                                       |                                 |   |  |                           |                       |                                |                        |   |             |
| 15  |                       |         |   |                      |             |                                       |                                 |   |  |                           |                       |                                |                        |   |             |
| TAT Required in business days (use separate COCs for different TATs):             |                       |         |   |                      |             | Total Number of Containers: <b>83</b> |                                 |   | Notes/ Special Requirements:                               |                           |                       |                                |                        |   |             |
|   |                       |         |   |                      |             | All Samples in Cooler must be on COC  |                                 |   |  |                           |                       |                                |                        |   |             |
| RELINQUISHED BY   | COMPANY               | DATE    | TIME  | RECEIVED BY          |             |                                       | COMPANY                         | DATE  | TIME   |                           |                       |                                |                        |   |             |
| 1.  | CRA                   | 6/12/14 | 1245  | 1.                   |             |                                       | CAS                             | 6/12/14   | 1245   |                           |                       |                                |                        |   |             |
| 2.  | CIA                   | 6/12/14 | 1425  | 2.                   |             |                                       | CAS                             | 6/12/14   | 1425   |                           |                       |                                |                        |   |             |
| 3.  |                       |         |   | 3.                   |             |                                       |                                 |   |  |                           |                       |                                |                        |   |             |

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT - ALL FIELDS MUST BE COMPLETED ACCURATELY

## **Appendix C**

### **Data Quality Assessment and Validation Report**



**CONESTOGA-ROVERS  
& ASSOCIATES**

E-Mail Date:

July 17, 2014

E-Mail To:

Bruce Clegg, Walt Pochron,  
Mike Keppel

**ANALYTICAL RESULTS AND REDUCED DATA VALIDATION  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

**PREPARED BY:  
CONESTOGA-ROVERS & ASSOCIATES**  
2055 Niagara Falls Boulevard  
Niagara Falls, New York 14304  
Telephone: 716-297-6150  
Contact: Sheri Finn [bjw] *[Signature]*  
Date: July 17, 2014  
[www.CRAworld.com](http://www.CRAworld.com)

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## **1.0 Introduction**

The following document details a reduced validation of analytical results for groundwater samples collected in support of the Semiannual Groundwater Sampling Program at the Wichita, Kansas Site during May and June 2014. Samples were submitted to Continental Analytical Services (CAS), located in Salina, Kansas. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard Conestoga-Rovers & Associates (CRA) report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, method blank data, recovery data from surrogate spikes, laboratory control samples (LCS), matrix spikes, and field QC samples.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and the applicable guidance from the documents entitled:

- i) Quality Assurance Project Plan, Facility-Related Investigative Activities, Resource Conservation and Recovery Act (RCRA) Corrective Action Program", Occidental Chemical Corporation, Wichita, Kansas, EPA ID No. KSD007482029, June 2009
- ii) "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", United States Environmental Protection Agency (USEPA) 540/R-99-008, October 1999
- iii) "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review", USEPA 540/R-94-013, February 1994

Items ii) and iii) will subsequently be referred to as the "Guidelines" in this Memorandum.

## **2.0 Sample Holding Time and Preservation**

The sample holding time criteria for the analyses are summarized in the methods. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were prepared and analyzed within the required holding times with the exception of one sample for semi volatile organic compound (SVOC) analysis. The associated results were qualified as estimated (see Table 4).

All samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C) with the exception of sample W6-05122014-JR-MW11353 that had a high pH for the hardness sample. The associated result was qualified as estimated (see Table 2).

### **3.0      Laboratory Method Blank Analyses**

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

Most method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation. Several blanks contained alpha-BHC and hexachlorobutadiene. The associated sample results with concentrations similar to those found in the blanks were qualified non-detect (see Table 5).

### **4.0      Surrogate Spike Recoveries**

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample extraction and/or analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for organic determinations were spiked with the appropriate number of surrogate compounds prior to sample extraction and/analysis.

Each individual surrogate compound is expected to meet the laboratory control limits with the exception of semi-volatile organic compound (SVOC) analyses. According to the "Guidelines" for SVOC analyses, up to one outlying surrogate in the base/neutral or acid fractions is acceptable as long as the recovery is at least 10 percent.

Surrogate recoveries were assessed against laboratory control limits. Most surrogate recoveries met the above criteria. Several high surrogate recoveries were reported, and the associated detected sample results were qualified as estimated to reflect a potential high bias (see Table 6).

## **5.0      Laboratory Control Sample Analyses**

LCS are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

For this study, LCS were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

### **Organic Analyses**

The LCS contained all compounds of interest. All LCS recoveries were within the laboratory control limits, demonstrating acceptable analytical accuracy.

### **Inorganic Analyses**

The LCS contained all analytes of interest. LCS recoveries were assessed per the "Guidelines". All LCS recoveries were within the control limits, demonstrating acceptable analytical accuracy.

## **6.0      Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses**

To evaluate the effects of sample matrices on the extraction or digestion process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The relative percent difference (RPD) between the MS and MSD is used to assess analytical precision.

MS/MSD analyses were performed as specified in Table 1.

### **Organic Analyses**

The MS/MSD samples were spiked with all compounds of interest. Non-detect sample results associated with high RPDs were not qualified. Non-detect data would not be impacted by the indicated high variability. If only the MSD recovery was outside of control limits, no qualification of the data was performed based on the acceptable recovery of the companion spike. One low 2,3,4,5-tetrachlorophenol recovery was reported and the associated sample result was qualified as estimated (see Table 7).

### **Inorganic Analyses**

The MS/MSD samples were spiked with the analytes of interest, and the results were evaluated using the "Guidelines". All percent recoveries and RPD values were within the control limits, demonstrating acceptable analytical accuracy and precision.

## **7.0 Field Quality Assurance/Quality Control Samples**

The field QA/QC consisted of seven trip blank samples, one rinse blank sample and seven field duplicate sample sets.

### **Trip Blank Sample Analysis**

To evaluate contamination from sample collection, transportation, storage, and analytical activities, seven trip blank samples were submitted to the laboratory for volatile organic compound (VOC) analysis. All results were non-detect for the compounds of interest.

### **Rinse Blank Analysis**

One rinse blank was submitted for analysis. All rinse blank results were non-detect for the compounds of interest.

### **Field Duplicate Sample Analysis**

To assess the analytical and sampling protocol precision, seven field duplicate samples were collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 50 percent for water samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the practical quantitation limit (PQL), the evaluation criterion is one times the PQL value.

All field duplicate results were within acceptable agreement, demonstrating acceptable sampling and analytical precision.

## **8.0 Analyte Reporting**

Non-detect results were presented as non-detect at the PQL in Table 2. Several samples were qualified as estimated for some pesticide and herbicides due to the difference in the dual column analysis (see Table 2).

## **9.0 Conclusion**

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable with the specific qualifications noted herein.

## TABLES

TABLE 1

**SAMPLE COLLECTION AND ANALYSIS SUMMARY**  
**SEMIANNUAL GROUNDWATER SAMPLING**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**  
**MAY-JUNE 2014**

| <b>Sample I.D.</b>     | <b>Location I.D.</b> | <b>Collection Date</b><br>(mm/dd/yyyy) | <b>Collection Time</b><br>(hr:min) | <b>Analysis/Parameters</b> |                            |                                 |                                      |                 |                 |  | <b>Comments</b>    |
|------------------------|----------------------|--|------------------------------------|----------------------------|----------------------------|---------------------------------|--------------------------------------|-----------------|-----------------|--|--------------------|
|                        |                      |  |                                    | <b>VOCS</b>                | <b>Chlorinated Phenols</b> | <b>Chlorinated Hydrocarbons</b> | <b>Pentachlorophenol &amp; 2,4-D</b> | <b>Hardness</b> | <b>Chloride</b> |  |                    |
| WG-05122014-AK-AMW1    | AMW1                 | 5/12/2014                              | 11:30                              | X                          | X                          | X                               | X                                    | X               | X               |  |                    |
| WG-05122014-JR-AMW101D | AMW101D              | 5/12/2014                              | 9:45                               | X                          | X                          | X                               | X                                    | X               | X               |  |                    |
| WG-05212014-AK-AMW101I | AMW101I              | 5/21/2014                              | 15:35                              | X                          | X                          | X                               | X                                    | X               | X               |  |                    |
| WG-05212014-AK-AMW101S | AMW101S              | 5/21/2014                              | 16:10                              | X                          | X                          | X                               | X                                    | X               | X               |  |                    |
| WG-05102014-AK-AMW102D | AMW102D              | 5/10/2014                              | 10:30                              | X                          | X                          | X                               | X                                    | X               | X               |  |                    |
| WG-05222014-AK-AMW102S | AMW102S              | 5/22/2014                              | 9:15                               | X                          | X                          | X                               | X                                    | X               | X               |  |                    |
| WG-05202014-AK-AMW104  | AMW104               | 5/20/2014                              | 11:15                              | X                          | X                          | X                               | X                                    | X               | X               |  | MS/MSD             |
| WG-05192014-AK-AMW105D | AMW105D              | 5/19/2014                              | 14:15                              | X                          | X                          | X                               | X                                    | X               | X               |  |                    |
| WG-05192014-AK-AMW105S | AMW105S              | 5/19/2014                              | 14:55                              | X                          | X                          | X                               | X                                    | X               | X               |  |                    |
| WG-05072014-AK-AMW107D | AMW107D              | 5/7/2014                               | 16:00                              | X                          | X                          | X                               | X                                    | X               | X               |  |                    |
| WG-05082014-AK-AMW107S | AMW107S              | 5/8/2014                               | 8:47                               | X                          | X                          | X                               | X                                    | X               | X               |  | WG-05082014-AK-FD2 |
| WG-05212014-AK-AMW108D | AMW108D              | 5/21/2014                              | 11:35                              | X                          | X                          | X                               | X                                    | X               | X               |  |                    |
| WG-05212014-AK-AMW108S | AMW108S              | 5/21/2014                              | 10:00                              | X                          | X                          | X                               | X                                    | X               | X               |  |                    |
| WG-05112014-AK-AMW16D  | AMW16D               | 5/11/2014                              | 9:25                               | X                          | X                          | X                               | X                                    | X               | X               |  |                    |
| WG-05112014-AK-AMW16S  | AMW16S               | 5/11/2014                              | 10:10                              | X                          | X                          | X                               | X                                    | X               | X               |  |                    |
| WG-05202014-AK-AMW3    | AMW3                 | 5/20/2014                              | 13:55                              | X                          | X                          | X                               | X                                    | X               | X               |  |                    |
| WG-05112014-AK-AMW4D   | AMW4D                | 5/11/2014                              | 10:55                              | X                          | X                          | X                               | X                                    | X               | X               |  | WG-05112014-AK-FD4 |
| WG-05112014-AK-AMW4S   | AMW4S                | 5/11/2014                              | 11:35                              | X                          | X                          | X                               | X                                    | X               | X               |  |                    |
| WG-05082014-AK-AMW5D   | AMW5D                | 5/8/2014                               | 10:10                              | X                          | X                          | X                               | X                                    | X               | X               |  |                    |
| WG-05082014-AK-AMW5S   | AMW5S                | 5/8/2014                               | 9:35                               | X                          | X                          | X                               | X                                    | X               | X               |  |                    |

TABLE 1

**SAMPLE COLLECTION AND ANALYSIS SUMMARY**  
**SEMIANNUAL GROUNDWATER SAMPLING**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**  
**MAY-JUNE 2014**

| <b>Sample I.D.</b>       | <b>Location I.D.</b> | <b>Collection Date</b><br>(mm/dd/yyyy) | <b>Collection Time</b><br>(hr:min) | <b>Analysis/Parameters</b> |                            |                                 |                                      |                 |                 |  | <b>Comments</b> |
|--------------------------|----------------------|--|------------------------------------|----------------------------|----------------------------|---------------------------------|--------------------------------------|-----------------|-----------------|--|-----------------|
|                          |                      |  |                                    | <b>VOCS</b>                | <b>Chlorinated Phenols</b> | <b>Chlorinated Hydrocarbons</b> | <b>Pentachlorophenol &amp; 2,4-D</b> | <b>Hardness</b> | <b>Chloride</b> |  |                 |
| WG-05112014-AK-AMW8D     | AMW8D                | 5/11/2014                              | 13:40                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05112014-AK-AMW8S     | AMW8S                | 5/11/2014                              | 14:55                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05102014-AK-APMW302S1 | APMW302S1            | 5/10/2014                              | 17:15                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05102014-AK-APMW302S2 | APMW302S2            | 5/10/2014                              | 16:30                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05102014-AK-APMW302S3 | APMW302S3            | 5/10/2014                              | 15:45                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05222014-JR-IW29      | IW29                 | 5/22/2014                              | 13:25                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05222014-JR-IW30      | IW30                 | 5/22/2014                              | 12:30                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05222014-JR-IW31      | IW31                 | 5/22/2014                              | 12:15                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05222014-JR-IW32      | IW32                 | 5/22/2014                              | 12:00                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05222014-JR-IW35A     | IW35A                | 5/22/2014                              | 13:55                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05222014-JR-IW35B     | IW35B                | 5/22/2014                              | 13:40                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-06112014-JR-IW36      | IW36                 | 6/11/2014                              | 12:50                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05222014-JR-IW40      | IW40                 | 5/22/2014                              | 12:55                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-06112014-JR-IW41      | IW41                 | 6/11/2014                              | 13:15                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05222014-JR-IW42      | IW42                 | 5/22/2014                              | 13:00                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05222014-JR-IW43      | IW43                 | 5/22/2014                              | 12:45                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05222014-JR-IW44      | IW44                 | 5/22/2014                              | 12:20                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05222014-JR-IW45      | IW45                 | 5/22/2014                              | 13:15                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05222014-JR-IW46      | IW46                 | 5/22/2014                              | 11:55                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05062014-AK-MW02S1    | MW02S1               | 5/6/2014                               | 15:30                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |

TABLE 1

**SAMPLE COLLECTION AND ANALYSIS SUMMARY**  
**SEMIANNUAL GROUNDWATER SAMPLING**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**  
**MAY-JUNE 2014**

| <b>Sample I.D.</b>     | <b>Location I.D.</b> | <b>Analysis/Parameters</b> |                        |             |                            |                                 |                                      |                 | <b>Comments</b>    |
|------------------------|----------------------|----------------------------|------------------------|-------------|----------------------------|---------------------------------|--------------------------------------|-----------------|--------------------|
|                        |                      | <b>Collection Date</b>     | <b>Collection Time</b> | <b>VOCS</b> | <b>Chlorinated Phenols</b> | <b>Chlorinated Hydrocarbons</b> | <b>Pentachlorophenol &amp; 2,4-D</b> | <b>Hardness</b> |                    |
| WG-05062014-AK-MW02S2  | MW02S2               | 5/6/2014                   | 17:05                  | X           | X                          | X                               | X                                    | X               |                    |
| WG-05082014-AK-MW03S1  | MW03S1               | 5/8/2014                   | 12:25                  | X           | X                          | X                               | X                                    | X               |                    |
| WG-05122014-JR-MW05S3  | MW05S3               | 5/21/2014                  | 9:20                   | X           | X                          | X                               | X                                    | X               |                    |
| WG-05102014-JR-MW06S1  | MW06S1               | 5/10/2014                  | 14:40                  | X           | X                          | X                               | X                                    | X               |                    |
| WG-05102014-JR-MW06S3  | MW06S3               | 5/10/2014                  | 14:10                  | X           | X                          | X                               | X                                    | X               |                    |
| WG-05132014-JR-MW07S1  | MW07S1               | 5/13/2014                  | 12:10                  | X           | X                          | X                               | X                                    | X               |                    |
| WG-05132014-JR-MW07S2  | MW07S2               | 5/13/2014                  | 13:20                  | X           | X                          | X                               | X                                    | X               | WG-05132014-JR-FD5 |
| WG-05132014-JR-MW07S3  | MW07S3               | 5/13/2014                  | 14:10                  | X           | X                          | X                               | X                                    | X               |                    |
| WG-05112014-JR-MW08S1  | MW08S1               | 5/11/2014                  | 11:00                  | X           | X                          | X                               | X                                    | X               |                    |
| WG-05112014-JR-MW08S2  | MW08S2               | 5/11/2014                  | 9:50                   | X           | X                          | X                               | X                                    | X               | MS/MSD             |
| WG-05112014-JR-MW08S3  | MW08S3               | 5/11/2014                  | 11:35                  | X           | X                          | X                               | X                                    | X               |                    |
| WG-05122014-AK-MW09S1  | MW09S1               | 5/12/2014                  | 9:55                   | X           | X                          | X                               | X                                    | X               |                    |
| WG-05122014-AK-MW09S3  | MW09S3               | 5/12/2014                  | 9:00                   | X           | X                          | X                               | X                                    | X               |                    |
| WG-05082014-JR-MW10S1  | MW10S1               | 5/8/2014                   | 14:55                  | X           | X                          | X                               | X                                    | X               |                    |
| WG-05082014-JR-MW10S2  | MW10S2               | 5/8/2014                   | 14:05                  | X           | X                          | X                               | X                                    | X               |                    |
| WG-05082014-JR-MW10S3  | MW10S3               | 5/8/2014                   | 15:45                  | X           | X                          | X                               | X                                    | X               |                    |
| WG-05122014-JR-MW113S3 | MW113S3              | 5/12/2014                  | 16:10                  | X           | X                          | X                               | X                                    | X               |                    |
| WG-05122014-JR-MW114S1 | MW114S1              | 5/12/2014                  | 15:20                  | X           | X                          | X                               | X                                    | X               |                    |
| WG-05072014-JR-MW11S1  | MW11S1               | 5/7/2014                   | 10:00                  | X           | X                          | X                               | X                                    | X               |                    |
| WG-05072014-JR-MW11S3A | MW11S3A              | 5/7/2014                   | 8:45                   | X           | X                          | X                               | X                                    | X               |                    |

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**SAMPLE COLLECTION AND ANALYSIS SUMMARY**  
**SEMIANNUAL GROUNDWATER SAMPLING**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**  
**MAY-JUNE 2014**

| <b>Sample I.D.</b>        | <b>Location I.D.</b> | <b>Collection Date</b><br>(mm/dd/yyyy) | <b>Collection Time</b><br>(hr:min) | <b>Analysis/Parameters</b> |                            |                                 |                                      |                 |                 |  | <b>Comments</b> |
|---------------------------|----------------------|--|------------------------------------|----------------------------|----------------------------|---------------------------------|--------------------------------------|-----------------|-----------------|--|-----------------|
|                           |                      |  |                                    | <b>VOCS</b>                | <b>Chlorinated Phenols</b> | <b>Chlorinated Hydrocarbons</b> | <b>Pentachlorophenol &amp; 2,4-D</b> | <b>Hardness</b> | <b>Chloride</b> |  |                 |
| WG-05202014-AK-MW12S1A    | MW12S1A              | 5/20/2014                              | 15:45                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05222014-JR-MW12S3     | MW12S3               | 5/22/2014                              | 9:40                               | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05062014-JR-MW131S2    | MW131S2              | 5/6/2014                               | 15:20                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05062014-JR-MW131S3    | MW131S3              | 5/6/2014                               | 16:15                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05082014-JR-MW132S1    | MW132S1              | 5/8/2014                               | 9:45                               | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05082014-JR-MW132S2/S3 | MW132S2/S3           | 5/8/2014                               | 8:55                               | X                          | X                          | X                               | X                                    | X               | X               |  | MS/MSD          |
| WG-05072014-JR-MW133S2/S3 | MW133S2/S3           | 5/7/2014                               | 11:05                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05192014-AK-MW136S2/S3 | MW136S2/S3           | 5/19/2014                              | 15:45                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05132014-AK-MW137S1    | MW137S1              | 5/13/2014                              | 9:30                               | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05142014-AK-MW137S2    | MW137S2              | 5/14/2014                              | 9:30                               | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05132014-AK-MW137S3    | MW137S3              | 5/13/2014                              | 11:35                              | X                          | X                          | X                               | X                                    | X               | X               |  | MS/MSD          |
| WG-05122014-JR-MW138S1    | MW138S1              | 5/12/2014                              | 11:25                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05122014-JR-MW138S2/S3 | MW138S2/S3           | 5/12/2014                              | 10:45                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05092014-AK-MW139S2/S3 | MW139S2/S3           | 5/9/2014                               | 16:05                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05082014-AK-MW13S1     | MW13S1               | 5/8/2014                               | 15:20                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05082014-AK-MW13S3     | MW13S3               | 5/8/2014                               | 16:10                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05082014-AK-MW140S1    | MW140S1              | 5/8/2014                               | 11:30                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05192014-JR-MW140S2/S3 | MW140S2/S3           | 5/19/2014                              | 15:45                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05072014-AK-MW141S2/S3 | MW141S2/S3           | 5/7/2014                               | 12:30                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05092014-AK-MW142S2/S3 | MW142S2/S3           | 5/9/2014                               | 15:15                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |

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**SEMIANNUAL GROUNDWATER SAMPLING**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**  
**MAY-JUNE 2014**

| <b>Sample I.D.</b>        | <b>Location I.D.</b> | <b>Collection Date</b><br>(mm/dd/yyyy) | <b>Collection Time</b><br>(hr:min) | <b>Analysis/Parameters</b> |                            |                                 |                                      |                 |                 |  | <b>Comments</b> |
|---------------------------|----------------------|--|------------------------------------|----------------------------|----------------------------|---------------------------------|--------------------------------------|-----------------|-----------------|--|-----------------|
|                           |                      |  |                                    | <b>VOCS</b>                | <b>Chlorinated Phenols</b> | <b>Chlorinated Hydrocarbons</b> | <b>Pentachlorophenol &amp; 2,4-D</b> | <b>Hardness</b> | <b>Chloride</b> |  |                 |
| WG-05092014-JR-MW143S2/S3 | MW143S2/S3           | 5/9/2014                               | 16:20                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05072014-JR-MW144S2/S3 | MW144S2/S3           | 5/7/2014                               | 16:45                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05072014-JR-MW145S2/S3 | MW145S2/S3           | 5/7/2014                               | 14:40                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05062014-AK-MW14S1     | MW14S1               | 5/6/2014                               | 13:55                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05072014-AK-MW14S3     | MW14S3               | 5/7/2014                               | 11:10                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05202014-AK-MW15S2     | MW15S2               | 5/20/2014                              | 15:05                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05092014-AK-MW15S4     | MW15S4               | 5/9/2014                               | 8:35                               | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05092014-AK-MW16S1A    | MW16S1A              | 5/9/2014                               | 10:55                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05142014-AK-MW16S2SS   | MW16S2SS             | 5/14/2014                              | 10:35                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05092014-AK-MW16S4R    | MW16S4R              | 5/9/2014                               | 9:40                               | X                          | X                          | X                               | X                                    | X               | X               |  | MS/MSD          |
| WG-05102014-JR-MW17S1     | MW17S1               | 5/10/2014                              | 10:25                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05102014-JR-MW17S3A    | MW17S3A              | 5/10/2014                              | 11:05                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05102014-JR-MW17S3B    | MW17S3B              | 5/10/2014                              | 11:35                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05212014-JR-MW18S1     | MW18S1               | 5/21/2014                              | 13:30                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05212014-JR-MW18S3     | MW18S3               | 5/21/2014                              | 14:45                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05202014-JR-MW19S1     | MW19S1               | 5/20/2014                              | 16:50                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05212014-JR-MW19S2     | MW19S2               | 5/21/2014                              | 10:35                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05212014-JR-MW19S4     | MW19S4               | 5/21/2014                              | 15:10                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05072014-JR-MW20S1     | MW20S1               | 5/7/2014                               | 13:05                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05072014-JR-MW20S3     | MW20S3               | 5/7/2014                               | 13:45                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |

TABLE 1

**SAMPLE COLLECTION AND ANALYSIS SUMMARY**  
**SEMIANNUAL GROUNDWATER SAMPLING**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**  
**MAY-JUNE 2014**

| <b>Sample I.D.</b>    | <b>Location I.D.</b> | <b>Collection Date</b><br>(mm/dd/yyyy) | <b>Collection Time</b><br>(hr:min) | <b>Analysis/Parameters</b> |                            |                                 |                                      |                 |                 |  | <b>Comments</b> |
|-----------------------|----------------------|--|------------------------------------|----------------------------|----------------------------|---------------------------------|--------------------------------------|-----------------|-----------------|--|-----------------|
|                       |                      |  |                                    | <b>VOCS</b>                | <b>Chlorinated Phenols</b> | <b>Chlorinated Hydrocarbons</b> | <b>Pentachlorophenol &amp; 2,4-D</b> | <b>Hardness</b> | <b>Chloride</b> |  |                 |
| WG-05092014-AK-MW21S1 | MW21S1               | 5/9/2014                               | 14:00                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05092014-AK-MW21S3 | MW21S3               | 5/9/2014                               | 13:30                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05072014-AK-MW22S1 | MW22S1               | 5/7/2014                               | 8:55                               | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05202014-JR-MW22S2 | MW22S2               | 5/20/2014                              | 11:25                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05072014-AK-MW22S4 | MW22S4               | 5/7/2014                               | 9:35                               | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05132014-JR-MW24S1 | MW24S1               | 5/13/2014                              | 10:30                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05132014-JR-MW24S3 | MW24S3               | 5/13/2014                              | 9:35                               | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05142014-JR-MW24S4 | MW24S4               | 5/14/2014                              | 8:55                               | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05122014-AK-MW25S1 | MW25S1               | 5/12/2014                              | 14:40                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05102014-AK-MW26S1 | MW26S1               | 5/10/2014                              | 13:55                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05102014-AK-MW26S3 | MW26S3               | 5/10/2014                              | 12:05                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-06112014-JR-MW27S1 | MW27S1               | 6/11/2014                              | 15:00                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-06112014-JR-MW27S2 | MW27S2               | 6/11/2014                              | 14:45                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05092014-JR-MW28S1 | MW28S1               | 5/9/2014                               | 11:05                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05092014-JR-MW28S2 | MW28S2               | 5/9/2014                               | 10:20                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05092014-JR-MW28S3 | MW28S3               | 5/9/2014                               | 9:05                               | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05192014-JR-MW29S1 | MW29S1               | 5/19/2014                              | 14:50                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05092014-JR-MW29S2 | MW29S2               | 5/9/2014                               | 15:25                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05192014-JR-MW29S3 | MW29S3               | 5/19/2014                              | 14:00                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |
| WG-05112014-JR-MW30S1 | MW30S1               | 5/11/2014                              | 14:25                              | X                          | X                          | X                               | X                                    | X               | X               |  |                 |

TABLE 1

**SAMPLE COLLECTION AND ANALYSIS SUMMARY**  
**SEMIANNUAL GROUNDWATER SAMPLING**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**  
**MAY-JUNE 2014**

| <i>Sample I.D.</i>      | <i>Location I.D.</i> | <i>Collection Date</i><br>(mm/dd/yyyy) | <i>Collection Time</i><br>(hr:min) | <i>Analysis/Parameters</i> |                     |                          |                           |          |          |                    | <i>Comments</i> |
|-------------------------|----------------------|--|------------------------------------|----------------------------|---------------------|--------------------------|---------------------------|----------|----------|--------------------|-----------------|
|                         |                      |  |                                    | VOCS                       | Chlorinated Phenols | Chlorinated Hydrocarbons | Pentachlorophenol & 2,4-D | Hardness | Chloride |                    |                 |
| WG-05112014-JR-MW30S3   | MW30S3               | 5/11/2014                              | 13:15                              | X                          | X                   | X                        | X                         | X        | X        |                    |                 |
| WG-05082014-JR-MW31S1   | MW31S1               | 5/8/2014                               | 10:45                              | X                          | X                   | X                        | X                         | X        | X        |                    |                 |
| WG-05082014-JR-MW32S1   | MW32S1               | 5/8/2014                               | 12:00                              | X                          | X                   | X                        | X                         | X        | X        |                    |                 |
| WG-05142014-JR-BUILDERS | BUILDERS WELL        | 5/14/2014                              | 11:00                              | X                          | X                   | X                        | X                         | X        | X        |                    |                 |
| WG-0611014-JR-DW-21     | DW-21                | 6/11/2014                              | 11:00                              | X                          | X                   | X                        | X                         | X        | X        | MS/MSD             |                 |
| WG-06112014-JR-DW-8     | DW-8                 | 6/11/2014                              | 10:45                              | X                          | X                   | X                        | X                         | X        | X        |                    |                 |
| WG-06112014-JR-AP2800   | AP2800               | 6/11/2014                              | 13:55                              | X                          | X                   | X                        | X                         | X        | X        | WG-06112014-JR-FD8 |                 |

Notes:

VOCS - Volatile organic compounds

MS - Matrix spike

MSD - Matrix spike duplicate

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <i>Sample Location:</i>                | <i>AMW1</i>                | <i>AMW3</i>                | <i>AMW4D</i>                | <i>AMW4D</i>              | <i>AMW4S</i>                |
|--|----------------------------|----------------------------|-----------------------------|---------------------------|-----------------------------|
| <i>Sample ID:</i>                      | <i>WG-05122014-AK-AMW1</i> | <i>WG-05202014-AK-AMW3</i> | <i>WG-05112014-AK-AMW4D</i> | <i>WG-05112014-AK-FD4</i> | <i>WG-05112014-AK-AMW4S</i> |
| <i>Sample Date:</i>                    | <i>5/12/2014</i>           | <i>5/20/2014</i>           | <i>5/11/2014</i>            | <i>5/11/2014</i>          | <i>5/11/2014</i>            |
| <i>(Duplicate)</i>                     |                            |                            |                             |                           |                             |
| <i>Parameters</i>                      | <i>Units</i>               |                            |                             |                           |                             |
| <b>Volatile Organic Compounds</b>      |                            |                            |                             |                           |                             |
| 1,1,1-Trichloroethane                  | µg/L                       | 0.5 U                      | 0.5 U                       | 0.5 U                     | 0.5 U                       |
| 1,2-Dichloroethane                     | µg/L                       | 0.5 U                      | 0.5 U                       | 0.5 U                     | 0.5 U                       |
| 1,2-Dichloropropane                    | µg/L                       | 0.5 U                      | 0.5 U                       | 0.5 U                     | 0.5 U                       |
| Benzene                                | µg/L                       | 0.5 U                      | 0.5 U                       | 0.5 U                     | 0.5 U                       |
| Carbon tetrachloride                   | µg/L                       | 0.5 U                      | 0.5 U                       | 1.0                       | 0.8                         |
| Chloroform (Trichloromethane)          | µg/L                       | 0.5 U                      | 0.5 U                       | 2.0                       | 1.9                         |
| Chloromethane (Methyl chloride)        | µg/L                       | 0.5 U                      | 0.5 U                       | 0.5 U                     | 0.5 U                       |
| Methylene chloride                     | µg/L                       | 0.5 U                      | 0.5 U                       | 0.5 U                     | 0.5 U                       |
| Tetrachloroethene                      | µg/L                       | 0.5 U                      | 0.5 U                       | 7.2                       | 6.7                         |
| Trichloroethene                        | µg/L                       | 0.5 U                      | 0.5 U                       | 0.5 U                     | 0.5 U                       |
| Vinyl chloride                         | µg/L                       | 0.5 U                      | 0.5 U                       | 0.5 U                     | 0.5 U                       |
| <b>Semi-volatile Organic Compounds</b> |                            |                            |                             |                           |                             |
| 2,3,4,5-Tetrachlorophenol              | µg/L                       | 5.0 U                      | 5.0 U                       | 5.0 U                     | 5.0 U                       |
| 2,3,4,6-Tetrachlorophenol              | µg/L                       | 5.0 U                      | 5.0 U                       | 5.0 U                     | 5.0 U                       |
| 2,4,5-Trichlorophenol                  | µg/L                       | 5.0 U                      | 5.0 U                       | 5.0 U                     | 5.0 U                       |
| 2,4,6-Trichlorophenol                  | µg/L                       | 5.0 U                      | 5.0 U                       | 5.0 U                     | 5.0 U                       |
| 2,4-Dichlorophenol                     | µg/L                       | 5.0 U                      | 5.0 U                       | 5.0 U                     | 5.0 U                       |
| 2,5-Dichlorophenol                     | µg/L                       | 5.0 U                      | 5.0 U                       | 5.0 U                     | 5.0 U                       |
| 2,6-Dichlorophenol                     | µg/L                       | 5.0 U                      | 5.0 U                       | 5.0 U                     | 5.0 U                       |
| 2-Chlorophenol                         | µg/L                       | 5.0 U                      | 5.0 U                       | 5.0 U                     | 5.0 U                       |
| 3/4-Chlorophenol                       | µg/L                       | 5.0 U                      | 5.0 U                       | 5.0 U                     | 5.0 U                       |
| alpha-BHC                              | µg/L                       | 0.011 U                    | 0.011 U                     | 0.011 U                   | 0.011 U                     |
| beta-BHC                               | µg/L                       | 0.037 U                    | 0.037 U                     | 0.037 U                   | 0.037 U                     |
| delta-BHC                              | µg/L                       | 0.05 U                     | 0.05 U                      | 0.05 U                    | 0.05 U                      |
| gamma-BHC (lindane)                    | µg/L                       | 0.052 U                    | 0.052 U                     | 0.052 U                   | 0.052 U                     |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <i>Sample Location:</i>                            | <i>AMW1</i>                | <i>AMW3</i>                | <i>AMW4D</i>                | <i>AMW4D</i>              | <i>AMW4S</i>                |
|--|----------------------------|----------------------------|-----------------------------|---------------------------|-----------------------------|
| <i>Sample ID:</i>                                  | <i>WG-05122014-AK-AMW1</i> | <i>WG-05202014-AK-AMW3</i> | <i>WG-05112014-AK-AMW4D</i> | <i>WG-05112014-AK-FD4</i> | <i>WG-05112014-AK-AMW4S</i> |
| <i>Sample Date:</i>                                | <i>5/12/2014</i>           | <i>5/20/2014</i>           | <i>5/11/2014</i>            | <i>5/11/2014</i>          | <i>5/11/2014</i>            |
| <i>(Duplicate)</i>                                 |                            |                            |                             |                           |                             |
| <i>Parameters</i>                                  | <i>Units</i>               |                            |                             |                           |                             |
| <b>Semi-volatile Organic Compounds (Continued)</b> |                            |                            |                             |                           |                             |
| Hexachlorobenzene                                  | µg/L                       | 0.10 U                     | 0.10 U                      | 0.10 U                    | 0.10 U                      |
| Hexachlorobutadiene                                | µg/L                       | 0.02 U                     | 0.02 U                      | 0.03                      | 0.03                        |
| Hexachloroethane                                   | µg/L                       | 0.02 U                     | 0.02 U                      | 0.02 U                    | 0.02 U                      |
| <b>Herbicides</b>                                  |                            |                            |                             |                           |                             |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                       | 1.0 U                      | 1.0 U                       | 1.0 U                     | 1.0 U                       |
| Pentachlorophenol                                  | µg/L                       | 0.5 U                      | 0.5 U                       | 0.5 U                     | 0.5 U                       |
| <b>General Chemistry</b>                           |                            |                            |                             |                           |                             |
| Chloride   | mg/L                       | 78                         | 132                         | 92                        | 92                          |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L     | 260.                       | 332                         | 412                       | 413                         |
|  |                            |                            |                             |                           | 148                         |
|  |                            |                            |                             |                           | 419                         |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <i>Sample Location:</i>                | <i>AMW5D</i>                | <i>AMW5S</i>                | <i>AMW8D</i>                | <i>AMW8S</i>                | <i>AMW16D</i>                |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| <i>Sample ID:</i>                      | <i>WG-05082014-AK-AMW5D</i> | <i>WG-05082014-AK-AMW5S</i> | <i>WG-05112014-AK-AMW8D</i> | <i>WG-05112014-AK-AMW8S</i> | <i>WG-05112014-AK-AMW16D</i> |
| <i>Sample Date:</i>                    | <i>5/8/2014</i>             | <i>5/8/2014</i>             | <i>5/11/2014</i>            | <i>5/11/2014</i>            | <i>5/11/2014</i>             |
| <i>Parameters</i>                      |                             |                             |                             |                             |                              |
|  |                             | <i>Units</i>                |                             |                             |                              |
| <i>Volatile Organic Compounds</i>      |                             |                             |                             |                             |                              |
| 1,1,1-Trichloroethane                  | µg/L                        | 0.5 U                       | 0.5 U                       | 0.5 U                       | 0.5 U                        |
| 1,2-Dichloroethane                     | µg/L                        | 1.7                         | 0.5 U                       | 0.5 U                       | 0.5 U                        |
| 1,2-Dichloropropane                    | µg/L                        | 0.5 U                       | 0.5 U                       | 0.5 U                       | 0.5 U                        |
| Benzene                                | µg/L                        | 2.0                         | 0.5 U                       | 0.5 U                       | 5.6                          |
| Carbon tetrachloride                   | µg/L                        | 0.5 U                       | 0.5 U                       | 0.5 U                       | 0.5 U                        |
| Chloroform (Trichloromethane)          | µg/L                        | 0.5 U                       | 0.5 U                       | 0.5 U                       | 0.5 U                        |
| Chloromethane (Methyl chloride)        | µg/L                        | 0.5 U                       | 0.5 U                       | 0.5 U                       | 0.5 U                        |
| Methylene chloride                     | µg/L                        | 0.5 U                       | 0.5 U                       | 0.5 U                       | 0.5 U                        |
| Tetrachloroethene                      | µg/L                        | 0.5 U                       | 0.5 U                       | 0.5 U                       | 0.5 U                        |
| Trichloroethene                        | µg/L                        | 0.5 U                       | 0.5 U                       | 0.5 U                       | 0.5 U                        |
| Vinyl chloride                         | µg/L                        | 24.9                        | 0.5 U                       | 0.5 U                       | 0.5 U                        |
| <i>Semi-volatile Organic Compounds</i> |                             |                             |                             |                             |                              |
| 2,3,4,5-Tetrachlorophenol              | µg/L                        | 5.0 U                       | 5.0 U                       | 5.0 U                       | 5.0 U                        |
| 2,3,4,6-Tetrachlorophenol              | µg/L                        | 5.0 U                       | 5.0 U                       | 5.0 U                       | 5.0 U                        |
| 2,4,5-Trichlorophenol                  | µg/L                        | 5.0 U                       | 5.0 U                       | 5.0 U                       | 5.0 U                        |
| 2,4,6-Trichlorophenol                  | µg/L                        | 5.0 U                       | 5.0 U                       | 5.0 U                       | 5.0 U                        |
| 2,4-Dichlorophenol                     | µg/L                        | 5.0 U                       | 5.0 U                       | 5.0 U                       | 5.0 U                        |
| 2,5-Dichlorophenol                     | µg/L                        | 5.0 U                       | 5.0 U                       | 5.0 U                       | 5.0 U                        |
| 2,6-Dichlorophenol                     | µg/L                        | 5.0 U                       | 5.0 U                       | 5.0 U                       | 5.0 U                        |
| 2-Chlorophenol                         | µg/L                        | 5.0 U                       | 5.0 U                       | 5.0 U                       | 5.0 U                        |
| 3/4-Chlorophenol                       | µg/L                        | 5.0 U                       | 5.0 U                       | 5.0 U                       | 5.0 U                        |
| alpha-BHC                              | µg/L                        | 0.011 U                     | 0.011 U                     | 0.011 U                     | 0.011 U                      |
| beta-BHC                               | µg/L                        | 0.037 U                     | 0.037 U                     | 0.037 U                     | 0.037 U                      |
| delta-BHC                              | µg/L                        | 0.05 U                      | 0.05 U                      | 0.05 U                      | 0.05 U                       |
| gamma-BHC (lindane)                    | µg/L                        | 0.052 U                     | 0.052 U                     | 0.052 U                     | 0.052 U                      |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

|                         |                             |                             |                             |                             |                              |
|-------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| <b>Sample Location:</b> | <b>AMW5D</b>                | <b>AMW5S</b>                | <b>AMW8D</b>                | <b>AMW8S</b>                | <b>AMW16D</b>                |
| <b>Sample ID:</b>       | <b>WG-05082014-AK-AMW5D</b> | <b>WG-05082014-AK-AMW5S</b> | <b>WG-05112014-AK-AMW8D</b> | <b>WG-05112014-AK-AMW8S</b> | <b>WG-05112014-AK-AMW16D</b> |
| <b>Sample Date:</b>     | <b>5/8/2014</b>             | <b>5/8/2014</b>             | <b>5/11/2014</b>            | <b>5/11/2014</b>            | <b>5/11/2014</b>             |

| <b>Parameters</b>                                  | <b>Units</b>           |        |        |        |        |        |
|--|------------------------|--------|--------|--------|--------|--------|
| <b>Semi-volatile Organic Compounds (Continued)</b> |                        |        |        |        |        |        |
| Hexachlorobenzene                                  | µg/L                   | 0.10 U |
| Hexachlorobutadiene                                | µg/L                   | 0.02   | 0.02 U | 0.02 U | 0.02 U | 0.02 U |
| Hexachloroethane                                   | µg/L                   | 0.02 U |
| <b>Herbicides</b>                                  |                        |        |        |        |        |        |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                   | 1.0 U  |
| Pentachlorophenol                                  | µg/L                   | 0.5 U  |
| <b>General Chemistry</b>                           |                        |        |        |        |        |        |
| Chloride   | mg/L                   | 131    | 106    | 109    | 122    | 100.   |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L | 343    | 405    | 356    | 309    | 370.   |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <b>Sample Location:</b> | <b>AMW16S</b>                | <b>AMW101D</b>                | <b>AMW101I</b>                | <b>AMW101S</b>                | <b>AMW102D</b>                |
|-------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| <b>Sample ID:</b>       | <b>WG-05112014-AK-AMW16S</b> | <b>WG-05122014-JR-AMW101D</b> | <b>WG-05212014-AK-AMW101I</b> | <b>WG-05212014-AK-AMW101S</b> | <b>WG-05102014-AK-AMW102D</b> |
| <b>Sample Date:</b>     | <b>5/11/2014</b>             | <b>5/12/2014</b>              | <b>5/21/2014</b>              | <b>5/21/2014</b>              | <b>5/10/2014</b>              |

| <b>Parameters</b>                      | <b>Units</b> | <b>AMW16S</b> | <b>AMW101D</b> | <b>AMW101I</b> | <b>AMW101S</b> | <b>AMW102D</b> |
|--|--------------|---------------|----------------|----------------|----------------|----------------|
| <b>Volatile Organic Compounds</b>      |              |               |                |                |                |                |
| 1,1,1-Trichloroethane                  | µg/L         | 0.5 U         | 0.5 U          | 0.5 U          | 0.5 U          | 0.5 U          |
| 1,2-Dichloroethane                     | µg/L         | 0.5 U         | 0.5 U          | 0.5 U          | 0.5 U          | 0.5 U          |
| 1,2-Dichloropropane                    | µg/L         | 0.5 U         | 0.5 U          | 0.5 U          | 0.5 U          | 0.5 U          |
| Benzene                                | µg/L         | 1.2           | 0.5 U          | 0.5 U          | 0.5 U          | 0.5 U          |
| Carbon tetrachloride                   | µg/L         | 0.5 U         | 0.5 U          | 0.5 U          | 0.5 U          | 0.5 U          |
| Chloroform (Trichloromethane)          | µg/L         | 0.5 U         | 0.5 U          | 0.5 U          | 0.5 U          | 0.5 U          |
| Chloromethane (Methyl chloride)        | µg/L         | 0.5 U         | 0.5 U          | 0.5 U          | 0.5 U          | 0.5 U          |
| Methylene chloride                     | µg/L         | 0.5 U         | 0.5 U          | 0.5 U          | 0.5 U          | 0.5 U          |
| Tetrachloroethene                      | µg/L         | 0.5 U         | 0.5 U          | 0.5 U          | 0.5 U          | 0.5 U          |
| Trichloroethene                        | µg/L         | 0.5 U         | 0.5 U          | 0.5 U          | 0.5 U          | 0.5 U          |
| Vinyl chloride                         | µg/L         | 0.5 U         | 0.5 U          | 0.5 U          | 0.5 U          | 0.5 U          |
| <b>Semi-volatile Organic Compounds</b> |              |               |                |                |                |                |
| 2,3,4,5-Tetrachlorophenol              | µg/L         | 5.0 U         | 5.0 U          | 5.0 U          | 5.0 U          | 5.0 U          |
| 2,3,4,6-Tetrachlorophenol              | µg/L         | 5.0 U         | 5.0 U          | 5.0 U          | 5.0 U          | 5.0 U          |
| 2,4,5-Trichlorophenol                  | µg/L         | 5.0 U         | 5.0 U          | 5.0 U          | 5.0 U          | 5.0 U          |
| 2,4,6-Trichlorophenol                  | µg/L         | 5.0 U         | 5.0 U          | 5.0 U          | 5.0 U          | 5.0 U          |
| 2,4-Dichlorophenol                     | µg/L         | 5.0 U         | 5.0 U          | 5.0 U          | 5.0 U          | 5.0 U          |
| 2,5-Dichlorophenol                     | µg/L         | 5.0 U         | 5.0 U          | 5.0 U          | 5.0 U          | 5.0 U          |
| 2,6-Dichlorophenol                     | µg/L         | 5.0 U         | 5.0 U          | 5.0 U          | 5.0 U          | 5.0 U          |
| 2-Chlorophenol                         | µg/L         | 5.0 U         | 5.0 U          | 5.0 U          | 5.0 U          | 5.0 U          |
| 3/4-Chlorophenol                       | µg/L         | 5.0 U         | 5.0 U          | 5.0 U          | 5.0 U          | 5.0 U          |
| alpha-BHC                              | µg/L         | 0.011 U       | 0.011 U        | 0.011 UJ       | 0.013 U        | 0.011 U        |
| beta-BHC                               | µg/L         | 0.037 U       | 0.037 U        | 0.037 U        | 0.037 U        | 0.037 U        |
| delta-BHC                              | µg/L         | 0.05 U        | 0.05 U         | 0.05 U         | 0.05 U         | 0.05 U         |
| gamma-BHC (lindane)                    | µg/L         | 0.052 U       | 0.052 U        | 0.052 U        | 0.052 U        | 0.052 U        |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

|                         |                              |                               |                               |                               |                               |
|-------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| <b>Sample Location:</b> | <b>AMW16S</b>                | <b>AMW101D</b>                | <b>AMW101I</b>                | <b>AMW101S</b>                | <b>AMW102D</b>                |
| <b>Sample ID:</b>       | <b>WG-05112014-AK-AMW16S</b> | <b>WG-05122014-JR-AMW101D</b> | <b>WG-05212014-AK-AMW101I</b> | <b>WG-05212014-AK-AMW101S</b> | <b>WG-05102014-AK-AMW102D</b> |
| <b>Sample Date:</b>     | <b>5/11/2014</b>             | <b>5/12/2014</b>              | <b>5/21/2014</b>              | <b>5/21/2014</b>              | <b>5/10/2014</b>              |

| <b>Parameters</b>                                  | <b>Units</b>           |        |        |        |        |        |
|--|------------------------|--------|--------|--------|--------|--------|
| <b>Semi-volatile Organic Compounds (Continued)</b> |                        |        |        |        |        |        |
| Hexachlorobenzene                                  | µg/L                   | 0.10 U |
| Hexachlorobutadiene                                | µg/L                   | 0.02 U | 0.02 U | 0.02 U | 0.05 J | 0.02 U |
| Hexachloroethane                                   | µg/L                   | 0.02 U | 0.02 U | 0.02 U | 0.02   | 0.02 U |
| <b>Herbicides</b>                                  |                        |        |        |        |        |        |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                   | 1.0 U  |
| Pentachlorophenol                                  | µg/L                   | 0.5 U  |
| <b>General Chemistry</b>                           |                        |        |        |        |        |        |
| Chloride   | mg/L                   | 139    | 79     | 57     | 31.4   | 93     |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L | 430.   | 373    | 329    | 193    | 347    |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <b>Sample Location:</b> | <b>AMW102S</b>                | <b>AMW104</b>                | <b>AMW105D</b>                | <b>AMW105S</b>                |
|-------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|
| <b>Sample ID:</b>       | <b>WG-05222014-AK-AMW102S</b> | <b>WG-05202014-AK-AMW104</b> | <b>WG-05192014-AK-AMW105D</b> | <b>WG-05192014-AK-AMW105S</b> |
| <b>Sample Date:</b>     | <b>5/22/2014</b>              | <b>5/20/2014</b>             | <b>5/19/2014</b>              | <b>5/19/2014</b>              |

| <b>Parameters</b>                      | <b>Units</b> | <b>AMW102S</b> | <b>AMW104</b> | <b>AMW105D</b> | <b>AMW105S</b> |
|--|--------------|----------------|---------------|----------------|----------------|
| <b>Volatile Organic Compounds</b>      |              |                |               |                |                |
| 1,1,1-Trichloroethane                  | µg/L         | 0.5 U          | 0.5 U         | 0.5 U          | 0.5 U          |
| 1,2-Dichloroethane                     | µg/L         | 0.5 U          | 0.5 U         | 0.5 U          | 0.5 U          |
| 1,2-Dichloropropane                    | µg/L         | 0.5 U          | 0.5 U         | 0.5 U          | 0.5 U          |
| Benzene                                | µg/L         | 0.5 U          | 0.5 U         | 0.5 U          | 0.5 U          |
| Carbon tetrachloride                   | µg/L         | 0.5 U          | 0.5 U         | 0.5 U          | 0.5 U          |
| Chloroform (Trichloromethane)          | µg/L         | 0.5 U          | 0.5 U         | 0.5 U          | 0.5 U          |
| Chloromethane (Methyl chloride)        | µg/L         | 0.5 U          | 0.5 U         | 0.5 U          | 0.5 U          |
| Methylene chloride                     | µg/L         | 0.5 U          | 0.5 U         | 0.5 U          | 0.5 U          |
| Tetrachloroethene                      | µg/L         | 0.5 U          | 0.5 U         | 0.5 U          | 0.5 U          |
| Trichloroethene                        | µg/L         | 0.5 U          | 0.5 U         | 0.5 U          | 0.5 U          |
| Vinyl chloride                         | µg/L         | 0.5 U          | 0.5 U         | 0.5 U          | 0.5 U          |
| <b>Semi-volatile Organic Compounds</b> |              |                |               |                |                |
| 2,3,4,5-Tetrachlorophenol              | µg/L         | 5.0 U          | 5.0 UJ        | 5.0 U          | 5.0 U          |
| 2,3,4,6-Tetrachlorophenol              | µg/L         | 5.0 U          | 5.0 U         | 5.0 U          | 5.0 U          |
| 2,4,5-Trichlorophenol                  | µg/L         | 5.0 U          | 5.0 U         | 5.0 U          | 5.0 U          |
| 2,4,6-Trichlorophenol                  | µg/L         | 5.0 U          | 5.0 U         | 5.0 U          | 5.0 U          |
| 2,4-Dichlorophenol                     | µg/L         | 5.0 U          | 5.0 U         | 5.0 U          | 5.0 U          |
| 2,5-Dichlorophenol                     | µg/L         | 5.0 U          | 5.0 U         | 5.0 U          | 5.0 U          |
| 2,6-Dichlorophenol                     | µg/L         | 5.0 U          | 5.0 U         | 5.0 U          | 5.0 U          |
| 2-Chlorophenol                         | µg/L         | 5.0 U          | 5.0 U         | 5.0 U          | 5.0 U          |
| 3/4-Chlorophenol                       | µg/L         | 5.0 U          | 5.0 U         | 5.0 U          | 5.0 U          |
| alpha-BHC                              | µg/L         | 0.011 U        | 0.011 U       | 0.011 U        | 0.011 U        |
| beta-BHC                               | µg/L         | 0.037 U        | 0.037 U       | 0.037 U        | 0.037 U        |
| delta-BHC                              | µg/L         | 0.05 U         | 0.05 U        | 0.05 U         | 0.05 U         |
| gamma-BHC (lindane)                    | µg/L         | 0.052 U        | 0.052 U       | 0.052 U        | 0.052 U        |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <i>Sample Location:</i>                            | <i>AMW102S</i>                | <i>AMW104</i>                | <i>AMW105D</i>                | <i>AMW105S</i>                |
|--|-------------------------------|------------------------------|-------------------------------|-------------------------------|
| <i>Sample ID:</i>                                  | <i>WG-05222014-AK-AMW102S</i> | <i>WG-05202014-AK-AMW104</i> | <i>WG-05192014-AK-AMW105D</i> | <i>WG-05192014-AK-AMW105S</i> |
| <i>Sample Date:</i>                                | <i>5/22/2014</i>              | <i>5/20/2014</i>             | <i>5/19/2014</i>              | <i>5/19/2014</i>              |
| <i>Parameters</i>                                  |                               |                              |                               |                               |
|  | <i>Units</i>                  |                              |                               |                               |
| <i>Semi-volatile Organic Compounds (Continued)</i> |                               |                              |                               |                               |
| Hexachlorobenzene                                  | µg/L                          | 0.10 U                       | 0.10 U                        | 0.10 U                        |
| Hexachlorobutadiene                                | µg/L                          | 0.02 U                       | 0.02 U                        | 0.02 U                        |
| Hexachloroethane                                   | µg/L                          | 0.02 U                       | 0.02 U                        | 0.02 U                        |
| <i>Herbicides</i>                                  |                               |                              |                               |                               |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                          | 1.0 U                        | 1.0 U                         | 1.0 U                         |
| Pentachlorophenol                                  | µg/L                          | 0.5 U                        | 0.5 U                         | 0.5 U                         |
| <i>General Chemistry</i>                           |                               |                              |                               |                               |
| Chloride   | mg/L                          | 57                           | 74                            | 28.0                          |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L        | 251                          | 267                           | 254                           |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <b>Sample Location:</b>                | <b>AMW107D</b>                | <b>AMW107S</b>                | <b>AMW107S</b>                        | <b>AMW108D</b>                |
|--|-------------------------------|-------------------------------|---------------------------------------|-------------------------------|
| <b>Sample ID:</b>                      | <b>WG-05072014-AK-AMW107D</b> | <b>WG-05082014-AK-AMW107S</b> | <b>WG-05082014-AK-FD2</b>             | <b>WG-05212014-AK-AMW108D</b> |
| <b>Sample Date:</b>                    | <b>5/7/2014</b>               | <b>5/8/2014</b>               | <b>5/8/2014</b><br><i>(Duplicate)</i> | <b>5/21/2014</b>              |
| <b>Parameters</b>                      |                               |                               |                                       |                               |
| <b>Units</b>                           |                               |                               |                                       |                               |
| <b>Volatile Organic Compounds</b>      |                               |                               |                                       |                               |
| 1,1,1-Trichloroethane                  | µg/L                          | 0.5 U                         | 0.5 U                                 | 0.5 U                         |
| 1,2-Dichloroethane                     | µg/L                          | 0.5 U                         | 0.5 U                                 | 0.5 U                         |
| 1,2-Dichloropropane                    | µg/L                          | 0.5 U                         | 0.5 U                                 | 0.5 U                         |
| Benzene                                | µg/L                          | 0.5 U                         | 0.5 U                                 | 0.5 U                         |
| Carbon tetrachloride                   | µg/L                          | 0.5 U                         | 0.7                                   | 0.8                           |
| Chloroform (Trichloromethane)          | µg/L                          | 0.5 U                         | 0.9                                   | 1.0                           |
| Chloromethane (Methyl chloride)        | µg/L                          | 0.5 U                         | 0.5 U                                 | 0.5 U                         |
| Methylene chloride                     | µg/L                          | 0.5 U                         | 0.5 U                                 | 0.5 U                         |
| Tetrachloroethene                      | µg/L                          | 0.5 U                         | 0.5 U                                 | 0.5 U                         |
| Trichloroethene                        | µg/L                          | 1.3                           | 0.5 U                                 | 0.5 U                         |
| Vinyl chloride                         | µg/L                          | 0.5 U                         | 0.5 U                                 | 0.5 U                         |
| <b>Semi-volatile Organic Compounds</b> |                               |                               |                                       |                               |
| 2,3,4,5-Tetrachlorophenol              | µg/L                          | 5.0 U                         | 5.0 U                                 | 5.0 U                         |
| 2,3,4,6-Tetrachlorophenol              | µg/L                          | 5.0 U                         | 5.0 U                                 | 5.0 U                         |
| 2,4,5-Trichlorophenol                  | µg/L                          | 5.0 U                         | 5.0 U                                 | 5.0 U                         |
| 2,4,6-Trichlorophenol                  | µg/L                          | 5.0 U                         | 5.0 U                                 | 5.0 U                         |
| 2,4-Dichlorophenol                     | µg/L                          | 5.0 U                         | 5.0 U                                 | 5.0 U                         |
| 2,5-Dichlorophenol                     | µg/L                          | 5.0 U                         | 5.0 U                                 | 5.0 U                         |
| 2,6-Dichlorophenol                     | µg/L                          | 5.0 U                         | 5.0 U                                 | 5.0 U                         |
| 2-Chlorophenol                         | µg/L                          | 5.0 U                         | 5.0 U                                 | 5.0 U                         |
| 3/4-Chlorophenol                       | µg/L                          | 5.0 U                         | 5.0 U                                 | 5.0 U                         |
| alpha-BHC                              | µg/L                          | 0.011 U                       | 0.011 U                               | 0.011 U                       |
| beta-BHC                               | µg/L                          | 0.037 U                       | 0.037 U                               | 0.037 U                       |
| delta-BHC                              | µg/L                          | 0.05 U                        | 0.05 U                                | 0.05 U                        |
| gamma-BHC (lindane)                    | µg/L                          | 0.052 U                       | 0.052 U                               | 0.052 U                       |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <i>Sample Location:</i>                            | <i>AMW107D</i>                | <i>AMW107S</i>                | <i>AMW107S</i>                        | <i>AMW108D</i>                |
|--|-------------------------------|-------------------------------|---------------------------------------|-------------------------------|
| <i>Sample ID:</i>                                  | <i>WG-05072014-AK-AMW107D</i> | <i>WG-05082014-AK-AMW107S</i> | <i>WG-05082014-AK-FD2</i>             | <i>WG-05212014-AK-AMW108D</i> |
| <i>Sample Date:</i>                                | <i>5/7/2014</i>               | <i>5/8/2014</i>               | <i>5/8/2014</i><br><i>(Duplicate)</i> | <i>5/21/2014</i>              |
| <i>Parameters</i>                                  |                               |                               |                                       |                               |
|  |                               |                               |                                       |                               |
| <i>Semi-volatile Organic Compounds (Continued)</i> |                               |                               |                                       |                               |
| Hexachlorobenzene                                  | µg/L                          | 0.10 U                        | 0.10 U                                | 0.10 U                        |
| Hexachlorobutadiene                                | µg/L                          | 0.02 U                        | 0.02 U                                | 0.02 U                        |
| Hexachloroethane                                   | µg/L                          | 0.02 U                        | 0.02 U                                | 0.02                          |
| <i>Herbicides</i>                                  |                               |                               |                                       |                               |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                          | 1.0 U                         | 1.0 U                                 | 1.0 U                         |
| Pentachlorophenol                                  | µg/L                          | 0.5 U                         | 0.5 U                                 | 0.5 U                         |
| <i>General Chemistry</i>                           |                               |                               |                                       |                               |
| Chloride   | mg/L                          | 101                           | 65                                    | 91                            |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L        | 399                           | 345                                   | 364                           |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <b>Sample Location:</b>                | <b>AMW108S</b>                | <b>AP2800</b>                | <b>AP2800</b>             | <b>APMW302S1</b>                |
|--|-------------------------------|------------------------------|---------------------------|---------------------------------|
| <b>Sample ID:</b>                      | <b>WG-05212014-AK-AMW108S</b> | <b>WG-06112014-JR-AP2800</b> | <b>WG-06112014-JR-FD8</b> | <b>WG-05102014-AK-APMW302S1</b> |
| <b>Sample Date:</b>                    | <b>5/21/2014</b>              | <b>6/11/2014</b>             | <b>6/11/2014</b>          | <b>5/10/2014</b>                |
| <i>(Duplicate)</i>                     |                               |                              |                           |                                 |
| <b>Parameters</b>                      | <b>Units</b>                  |                              |                           |                                 |
| <b>Volatile Organic Compounds</b>      |                               |                              |                           |                                 |
| 1,1,1-Trichloroethane                  | µg/L                          | 0.5 U                        | 0.5 U                     | 0.5 U                           |
| 1,2-Dichloroethane                     | µg/L                          | 0.5 U                        | 0.5 U                     | 0.5 U                           |
| 1,2-Dichloropropane                    | µg/L                          | 0.5 U                        | 0.5 U                     | 0.5 U                           |
| Benzene                                | µg/L                          | 0.5 U                        | 0.5 U                     | 0.5 U                           |
| Carbon tetrachloride                   | µg/L                          | 0.5 U                        | 0.5 U                     | 25.5                            |
| Chloroform (Trichloromethane)          | µg/L                          | 0.5 U                        | 0.5 U                     | 32.7                            |
| Chloromethane (Methyl chloride)        | µg/L                          | 0.5 U                        | 0.5 U                     | 0.5 U                           |
| Methylene chloride                     | µg/L                          | 0.5 U                        | 0.5 U                     | 0.5 U                           |
| Tetrachloroethene                      | µg/L                          | 0.5 U                        | 0.5 U                     | 8.1                             |
| Trichloroethene                        | µg/L                          | 0.5 U                        | 0.5 U                     | 0.5 U                           |
| Vinyl chloride                         | µg/L                          | 0.5 U                        | 0.5 U                     | 0.5 U                           |
| <b>Semi-volatile Organic Compounds</b> |                               |                              |                           |                                 |
| 2,3,4,5-Tetrachlorophenol              | µg/L                          | 5.0 U                        | 5.0 U                     | 5.0 U                           |
| 2,3,4,6-Tetrachlorophenol              | µg/L                          | 5.0 U                        | 5.0 U                     | 5.0 U                           |
| 2,4,5-Trichlorophenol                  | µg/L                          | 5.0 U                        | 5.0 U                     | 5.0 U                           |
| 2,4,6-Trichlorophenol                  | µg/L                          | 5.0 U                        | 5.0 U                     | 5.0 U                           |
| 2,4-Dichlorophenol                     | µg/L                          | 5.0 U                        | 5.0 U                     | 5.0 U                           |
| 2,5-Dichlorophenol                     | µg/L                          | 5.0 U                        | 5.0 U                     | 5.0 U                           |
| 2,6-Dichlorophenol                     | µg/L                          | 5.0 U                        | 5.0 U                     | 5.0 U                           |
| 2-Chlorophenol                         | µg/L                          | 5.0 U                        | 5.0 U                     | 5.0 U                           |
| 3/4-Chlorophenol                       | µg/L                          | 5.0 U                        | 5.0 U                     | 5.0 U                           |
| alpha-BHC                              | µg/L                          | 0.011 U                      | 0.011 U                   | 0.011 U                         |
| beta-BHC                               | µg/L                          | 0.037 U                      | 0.037 U                   | 0.037 U                         |
| delta-BHC                              | µg/L                          | 0.05 U                       | 0.05 U                    | 0.05 U                          |
| gamma-BHC (lindane)                    | µg/L                          | 0.052 U                      | 0.052 U                   | 0.052 U                         |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <i>Sample Location:</i>                            | <i>AMW108S</i>                | <i>AP2800</i>                | <i>AP2800</i>                          | <i>APMW302S1</i>                |
|--|-------------------------------|------------------------------|--|---------------------------------|
| <i>Sample ID:</i>                                  | <i>WG-05212014-AK-AMW108S</i> | <i>WG-06112014-JR-AP2800</i> | <i>WG-06112014-JR-FD8</i>              | <i>WG-05102014-AK-APMW302S1</i> |
| <i>Sample Date:</i>                                | <i>5/21/2014</i>              | <i>6/11/2014</i>             | <i>6/11/2014</i><br><i>(Duplicate)</i> | <i>5/10/2014</i>                |
| <i>Parameters</i>                                  |                               |                              |  |                                 |
|  |                               |                              |  |                                 |
| <i>Semi-volatile Organic Compounds (Continued)</i> |                               |                              |  |                                 |
| Hexachlorobenzene                                  | µg/L                          | 0.10 U                       | 0.10 U                                 | 0.10 U                          |
| Hexachlorobutadiene                                | µg/L                          | 0.02 U                       | 0.02 U                                 | 0.02 U                          |
| Hexachloroethane                                   | µg/L                          | 0.02 U                       | 0.02 U                                 | 0.02 U                          |
| <i>Herbicides</i>                                  |                               |                              |  |                                 |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                          | 1.0 U                        | 1.0 U                                  | 1.0 U                           |
| Pentachlorophenol                                  | µg/L                          | 0.5 U                        | 0.5 U                                  | 0.5 U                           |
| <i>General Chemistry</i>                           |                               |                              |  |                                 |
| Chloride   | mg/L                          | 88                           | 48                                     | 59                              |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L        | 341                          | 283                                    | 303                             |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
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| <i>Sample Location:</i> | <i>APMW302S2</i>                | <i>APMW302S3</i>                | <i>Builders Well</i>           | <i>DW-8</i>                |
|-------------------------|---------------------------------|---------------------------------|--------------------------------|----------------------------|
| <i>Sample ID:</i>       | <i>WG-05102014-AK-APMW302S2</i> | <i>WG-05102014-AK-APMW302S3</i> | <i>WG-05142014-JR-BUILDERS</i> | <i>WG-06112014-JR-DW-8</i> |
| <i>Sample Date:</i>     | <i>5/10/2014</i>                | <i>5/10/2014</i>                | <i>5/14/2014</i>               | <i>6/11/2014</i>           |

| <i>Parameters</i>                             | <i>Units</i> |         |         |         |         |
|---|--------------|---------|---------|---------|---------|
| <b><i>Volatile Organic Compounds</i></b>      |              |         |         |         |         |
| 1,1,1-Trichloroethane                         | µg/L         | 0.5 U   | 0.5 U   | 2 U     | 0.5 U   |
| 1,2-Dichloroethane                            | µg/L         | 0.5 U   | 0.5 U   | 2 U     | 0.5 U   |
| 1,2-Dichloropropane                           | µg/L         | 0.5 U   | 0.5 U   | 2 U     | 0.5 U   |
| Benzene                                       | µg/L         | 0.5 U   | 0.5 U   | 2 U     | 0.5 U   |
| Carbon tetrachloride                          | µg/L         | 0.5 U   | 0.5 U   | 130.    | 0.5     |
| Chloroform (Trichloromethane)                 | µg/L         | 0.5 U   | 1.5     | 5.2     | 0.5 U   |
| Chloromethane (Methyl chloride)               | µg/L         | 0.5 U   | 0.5 U   | 2 U     | 0.5 U   |
| Methylene chloride                            | µg/L         | 0.5 U   | 0.5 U   | 2 U     | 0.5 U   |
| Tetrachloroethene                             | µg/L         | 0.5 U   | 1.6     | 2 U     | 9.2     |
| Trichloroethene                               | µg/L         | 0.5 U   | 0.5 U   | 2 U     | 0.5 U   |
| Vinyl chloride                                | µg/L         | 0.5 U   | 0.5 U   | 2 U     | 0.5 U   |
| <b><i>Semi-volatile Organic Compounds</i></b> |              |         |         |         |         |
| 2,3,4,5-Tetrachlorophenol                     | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,3,4,6-Tetrachlorophenol                     | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4,5-Trichlorophenol                         | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4,6-Trichlorophenol                         | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4-Dichlorophenol                            | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,5-Dichlorophenol                            | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,6-Dichlorophenol                            | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2-Chlorophenol                                | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 3/4-Chlorophenol                              | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| alpha-BHC                                     | µg/L         | 0.011 U | 0.011 U | 0.012 U | 0.011 U |
| beta-BHC                                      | µg/L         | 0.037 U | 0.037 U | 0.322   | 0.037 U |
| delta-BHC                                     | µg/L         | 0.05 U  | 0.05 U  | 0.05 U  | 0.05 U  |
| gamma-BHC (lindane)                           | µg/L         | 0.052 U | 0.052 U | 0.052 U | 0.052 U |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
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| <i>Sample Location:</i>                            | <i>APMW302S2</i>                | <i>APMW302S3</i>                | <i>Builders Well</i>           | <i>DW-8</i>                |
|--|---------------------------------|---------------------------------|--------------------------------|----------------------------|
| <i>Sample ID:</i>                                  | <i>WG-05102014-AK-APMW302S2</i> | <i>WG-05102014-AK-APMW302S3</i> | <i>WG-05142014-JR-BUILDERS</i> | <i>WG-06112014-JR-DW-8</i> |
| <i>Sample Date:</i>                                | <i>5/10/2014</i>                | <i>5/10/2014</i>                | <i>5/14/2014</i>               | <i>6/11/2014</i>           |
| <b>Parameters</b>                                  |                                 |                                 |                                |                            |
|  | <b>Units</b>                    |                                 |                                |                            |
| <b>Semi-volatile Organic Compounds (Continued)</b> |                                 |                                 |                                |                            |
| Hexachlorobenzene                                  | µg/L                            | 0.10 U                          | 0.10 U                         | 0.10 U                     |
| Hexachlorobutadiene                                | µg/L                            | 0.02 U                          | 0.02 U                         | 0.02 U                     |
| Hexachloroethane                                   | µg/L                            | 0.02 U                          | 0.02 U                         | 0.02 U                     |
| <b>Herbicides</b>                                  |                                 |                                 |                                |                            |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                            | 1.0 U                           | 1.0 U                          | 1.0 U                      |
| Pentachlorophenol                                  | µg/L                            | 0.5 U                           | 0.5 U                          | 0.5 U                      |
| <b>General Chemistry</b>                           |                                 |                                 |                                |                            |
| Chloride   | mg/L                            | 43.0                            | 43.7                           | 121                        |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L          | 303                             | 294                            | 318                        |
|  |                                 |                                 |                                | 220.                       |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
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| <i>Sample Location:</i>                | <i>DW-21</i>                | <i>IW29</i>                | <i>IW30</i>                | <i>IW30</i>               | <i>IW31</i>                |
|--|-----------------------------|----------------------------|----------------------------|---------------------------|----------------------------|
| <i>Sample ID:</i>                      | <b>WG-06112014-JR-DW-21</b> | <b>WG-05222014-JR-IW29</b> | <b>WG-05222014-JR-IW30</b> | <b>WG-05222014-JR-FD7</b> | <b>WG-05222014-JR-IW31</b> |
| <i>Sample Date:</i>                    | <b>6/11/2014</b>            | <b>5/22/2014</b>           | <b>5/22/2014</b>           | <b>5/22/2014</b>          | <b>5/22/2014</b>           |
| <i>(Duplicate)</i>                     |                             |                            |                            |                           |                            |
| <i>Parameters</i>                      | <i>Units</i>                |                            |                            |                           |                            |
| <b>Volatile Organic Compounds</b>      |                             |                            |                            |                           |                            |
| 1,1,1-Trichloroethane                  | µg/L                        | 0.5 U                      | 50 U                       | 500 U                     | 500 U                      |
| 1,2-Dichloroethane                     | µg/L                        | 0.5 U                      | 60                         | 2600                      | 2200                       |
| 1,2-Dichloropropane                    | µg/L                        | 0.5 U                      | 50 U                       | 3400                      | 2900                       |
| Benzene                                | µg/L                        | 0.5 U                      | 50 U                       | 500 U                     | 500 U                      |
| Carbon tetrachloride                   | µg/L                        | 0.5 U                      | 390                        | 20300                     | 20000                      |
| Chloroform (Trichloromethane)          | µg/L                        | 0.5 U                      | 1760                       | 25500                     | 25700                      |
| Chloromethane (Methyl chloride)        | µg/L                        | 0.5 U                      | 50 U                       | 500 U                     | 500 U                      |
| Methylene chloride                     | µg/L                        | 0.5 U                      | 250                        | 3000                      | 2600                       |
| Tetrachloroethene                      | µg/L                        | 0.5 U                      | 760                        | 9900                      | 9300                       |
| Trichloroethene                        | µg/L                        | 0.5 U                      | 50 U                       | 1300                      | 1100                       |
| Vinyl chloride                         | µg/L                        | 0.5 U                      | 50 U                       | 500 U                     | 500 U                      |
| <b>Semi-volatile Organic Compounds</b> |                             |                            |                            |                           |                            |
| 2,3,4,5-Tetrachlorophenol              | µg/L                        | 5.0 U                      | 5.0 U                      | 5.0 U                     | 5.0 U                      |
| 2,3,4,6-Tetrachlorophenol              | µg/L                        | 5.0 U                      | 5.0 U                      | 168                       | 167                        |
| 2,4,5-Trichlorophenol                  | µg/L                        | 5.0 U                      | 5.0 U                      | 5.0 U                     | 5.0 U                      |
| 2,4,6-Trichlorophenol                  | µg/L                        | 5.0 U                      | 7.9                        | 254                       | 255                        |
| 2,4-Dichlorophenol                     | µg/L                        | 5.0 U                      | 5.0 U                      | 112                       | 130.                       |
| 2,5-Dichlorophenol                     | µg/L                        | 5.0 U                      | 5.0 U                      | 5.0 U                     | 5.0 U                      |
| 2,6-Dichlorophenol                     | µg/L                        | 5.0 U                      | 5.0 U                      | 21.6                      | 22.4                       |
| 2-Chlorophenol                         | µg/L                        | 5.0 U                      | 5.0 U                      | 16.3                      | 16.7                       |
| 3/4-Chlorophenol                       | µg/L                        | 5.0 U                      | 5.0 U                      | 16.6                      | 17.4                       |
| alpha-BHC                              | µg/L                        | 0.011 U                    | 0.46                       | 4.5 U                     | 4.4 U                      |
| beta-BHC                               | µg/L                        | 0.037 U                    | 1.1 U                      | 15 U                      | 15 U                       |
| delta-BHC                              | µg/L                        | 0.05 U                     | 1 U                        | 20 U                      | 20 U                       |
| gamma-BHC (lindane)                    | µg/L                        | 0.052 U                    | 1.5 U                      | 21 U                      | 21 U                       |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
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| <i>Sample Location:</i>                            | <i>DW-21</i>                | <i>IW29</i>                | <i>IW30</i>                | <i>IW30</i>               | <i>IW31</i>                |
|--|-----------------------------|----------------------------|----------------------------|---------------------------|----------------------------|
| <i>Sample ID:</i>                                  | <i>WG-06112014-JR-DW-21</i> | <i>WG-05222014-JR-IW29</i> | <i>WG-05222014-JR-IW30</i> | <i>WG-05222014-JR-FD7</i> | <i>WG-05222014-JR-IW31</i> |
| <i>Sample Date:</i>                                | <i>6/11/2014</i>            | <i>5/22/2014</i>           | <i>5/22/2014</i>           | <i>5/22/2014</i>          | <i>5/22/2014</i>           |
| <i>(Duplicate)</i>                                 |                             |                            |                            |                           |                            |
| <i>Parameters</i>                                  | <i>Units</i>                |                            |                            |                           |                            |
| <b>Semi-volatile Organic Compounds (Continued)</b> |                             |                            |                            |                           |                            |
| Hexachlorobenzene                                  | µg/L                        | 0.10 U                     | 2.9 U                      | 40 U                      | 40 U                       |
| Hexachlorobutadiene                                | µg/L                        | 0.02 U                     | 40.1                       | 875                       | 823                        |
| Hexachloroethane                                   | µg/L                        | 0.02 U                     | 6.6                        | 1030                      | 975                        |
| <b>Herbicides</b>                                  |                             |                            |                            |                           |                            |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                        | 1.0 U                      | 13                         | 160                       | 150                        |
| Pentachlorophenol                                  | µg/L                        | 0.5 U                      | 12                         | 160                       | 150                        |
| <b>General Chemistry</b>                           |                             |                            |                            |                           |                            |
| Chloride   | mg/L                        | 77                         | 970                        | 4050                      | 4240                       |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L      | 162                        | 603                        | 553                       | 553                        |
|  |                             |                            |                            |                           |                            |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
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| <i>Sample Location:</i>                | <i>IW32</i>                | <i>IW35A</i>                | <i>IW35B</i>                | <i>IW36</i>                | <i>IW40</i>                |
|--|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|
| <i>Sample ID:</i>                      | <i>WG-05222014-JR-IW32</i> | <i>WG-05222014-JR-IW35A</i> | <i>WG-05222014-JR-IW35B</i> | <i>WG-06112014-JR-IW36</i> | <i>WG-05222014-JR-IW40</i> |
| <i>Sample Date:</i>                    | <i>5/22/2014</i>           | <i>5/22/2014</i>            | <i>5/22/2014</i>            | <i>6/11/2014</i>           | <i>5/22/2014</i>           |
| <i>Parameters</i>                      |                            |                             |                             |                            |                            |
|  |                            | <i>Units</i>                |                             |                            |                            |
| <b>Volatile Organic Compounds</b>      |                            |                             |                             |                            |                            |
| 1,1,1-Trichloroethane                  | µg/L                       | 5 U                         | 0.5 U                       | 50 U                       | 0.5 U                      |
| 1,2-Dichloroethane                     | µg/L                       | 54                          | 0.5 U                       | 50 U                       | 0.5 U                      |
| 1,2-Dichloropropane                    | µg/L                       | 5 U                         | 0.5 U                       | 50 U                       | 0.5 U                      |
| Benzene                                | µg/L                       | 242                         | 0.5 U                       | 50 U                       | 0.5 U                      |
| Carbon tetrachloride                   | µg/L                       | 291                         | 54.9                        | 770                        | 20.1                       |
| Chloroform (Trichloromethane)          | µg/L                       | 402                         | 60.3                        | 950                        | 6.3                        |
| Chloromethane (Methyl chloride)        | µg/L                       | 5 U                         | 0.5 U                       | 50 U                       | 0.5 U                      |
| Methylene chloride                     | µg/L                       | 49                          | 0.5 U                       | 50 U                       | 0.5 U                      |
| Tetrachloroethene                      | µg/L                       | 169                         | 13.5                        | 270                        | 0.7                        |
| Trichloroethene                        | µg/L                       | 38                          | 0.9                         | 50 U                       | 0.5 U                      |
| Vinyl chloride                         | µg/L                       | 5 U                         | 0.5 U                       | 50 U                       | 0.5 U                      |
| <b>Semi-volatile Organic Compounds</b> |                            |                             |                             |                            |                            |
| 2,3,4,5-Tetrachlorophenol              | µg/L                       | 5.0 U                       | 5.0 U                       | 5.0 U                      | 5.0 U                      |
| 2,3,4,6-Tetrachlorophenol              | µg/L                       | 28.1                        | 5.0 U                       | 5.0 U                      | 5.0 U                      |
| 2,4,5-Trichlorophenol                  | µg/L                       | 5.0 U                       | 5.0 U                       | 5.0 U                      | 5.0 U                      |
| 2,4,6-Trichlorophenol                  | µg/L                       | 57.2                        | 5.0 U                       | 5.0 U                      | 5.0 U                      |
| 2,4-Dichlorophenol                     | µg/L                       | 120.                        | 5.0 U                       | 5.5                        | 5.0 U                      |
| 2,5-Dichlorophenol                     | µg/L                       | 5.0 U                       | 5.0 U                       | 5.0 U                      | 5.0 U                      |
| 2,6-Dichlorophenol                     | µg/L                       | 26.8                        | 5.0 U                       | 5.0 U                      | 5.0 U                      |
| 2-Chlorophenol                         | µg/L                       | 5.0 U                       | 5.0 U                       | 5.0 U                      | 5.0 U                      |
| 3/4-Chlorophenol                       | µg/L                       | 7.8                         | 5.0 U                       | 5.0 U                      | 5.0 U                      |
| alpha-BHC                              | µg/L                       | 0.793                       | 0.022                       | 0.080                      | 0.012                      |
| beta-BHC                               | µg/L                       | 2.19                        | 1.18                        | 1.53                       | 0.281                      |
| delta-BHC                              | µg/L                       | 0.4 J                       | 0.05 U                      | 0.1 U                      | 0.05 U                     |
| gamma-BHC (lindane)                    | µg/L                       | 1.01                        | 0.052 U                     | 0.10 U                     | 0.052 U                    |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
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| <i>Sample Location:</i>                            | <i>IW32</i>                | <i>IW35A</i>                | <i>IW35B</i>                | <i>IW36</i>                | <i>IW40</i>                |
|--|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|
| <i>Sample ID:</i>                                  | <i>WG-05222014-JR-IW32</i> | <i>WG-05222014-JR-IW35A</i> | <i>WG-05222014-JR-IW35B</i> | <i>WG-06112014-JR-IW36</i> | <i>WG-05222014-JR-IW40</i> |
| <i>Sample Date:</i>                                | <i>5/22/2014</i>           | <i>5/22/2014</i>            | <i>5/22/2014</i>            | <i>6/11/2014</i>           | <i>5/22/2014</i>           |
| <i>Parameters</i>                                  |                            |                             |                             |                            |                            |
|  |                            |                             |                             |                            |                            |
| <i>Semi-volatile Organic Compounds (Continued)</i> |                            |                             |                             |                            |                            |
| Hexachlorobenzene                                  | µg/L                       | 0.50 U                      | 0.10 U                      | 0.20 U                     | 0.10 U                     |
| Hexachlorobutadiene                                | µg/L                       | 1.5                         | 0.20 U                      | 1.3                        | 0.02 U                     |
| Hexachloroethane                                   | µg/L                       | 8.36                        | 0.13                        | 4.70                       | 0.02 U                     |
| <i>Herbicides</i>                                  |                            |                             |                             |                            |                            |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                       | 30.                         | 1.0 U                       | 1.0 U                      | 1.0 U                      |
| Pentachlorophenol                                  | µg/L                       | 100                         | 0.5 U                       | 0.5                        | 0.5 U                      |
| <i>General Chemistry</i>                           |                            |                             |                             |                            |                            |
| Chloride   | mg/L                       | 1780                        | 168                         | 420                        | 874                        |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L     | 601                         | 313                         | 344                        | 676                        |
|  |                            |                             |                             |                            |                            |

**TABLE 2**

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
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|                         |                            |                            |                            |                            |                            |
|-------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| <b>Sample Location:</b> | <i>IW41</i>                | <i>IW42</i>                | <i>IW45</i>                | <i>IW46</i>                | <i>IW600(43)</i>           |
| <b>Sample ID:</b>       | <i>WG-06112014-JR-IW41</i> | <i>WG-05222014-JR-IW42</i> | <i>WG-05222014-JR-IW45</i> | <i>WG-05222014-JR-IW46</i> | <i>WG-05222014-JR-IW43</i> |
| <b>Sample Date:</b>     | <i>6/11/2014</i>           | <i>5/22/2014</i>           | <i>5/22/2014</i>           | <i>5/22/2014</i>           | <i>5/22/2014</i>           |

| Parameters                             | Units |         |         |         |         |        |
|--|-------|---------|---------|---------|---------|--------|
| <b>Volatile Organic Compounds</b>      |       |         |         |         |         |        |
| 1,1,1-Trichloroethane                  | µg/L  | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U  |
| 1,2-Dichloroethane                     | µg/L  | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U  |
| 1,2-Dichloropropane                    | µg/L  | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U  |
| Benzene                                | µg/L  | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U  |
| Carbon tetrachloride                   | µg/L  | 0.5 U   | 0.5 U   | 0.5 U   | 1.5     | 690    |
| Chloroform (Trichloromethane)          | µg/L  | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   | 50 U   |
| Chloromethane (Methyl chloride)        | µg/L  | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   | 50 U   |
| Methylene chloride                     | µg/L  | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   | 50 U   |
| Tetrachloroethene                      | µg/L  | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   | 50 U   |
| Trichloroethene                        | µg/L  | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   | 50 U   |
| Vinyl chloride                         | µg/L  | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   | 50 U   |
| <b>Semi-volatile Organic Compounds</b> |       |         |         |         |         |        |
| 2,3,4,5-Tetrachlorophenol              | µg/L  | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U  |
| 2,3,4,6-Tetrachlorophenol              | µg/L  | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U  |
| 2,4,5-Trichlorophenol                  | µg/L  | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U  |
| 2,4,6-Trichlorophenol                  | µg/L  | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   | 18.2   |
| 2,4-Dichlorophenol                     | µg/L  | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   | 39.4   |
| 2,5-Dichlorophenol                     | µg/L  | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U  |
| 2,6-Dichlorophenol                     | µg/L  | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   | 32.1   |
| 2-Chlorophenol                         | µg/L  | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   | 15.9   |
| 3/4-Chlorophenol                       | µg/L  | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   | 6.2    |
| alpha-BHC                              | µg/L  | 0.011 U | 0.011 U | 0.011 U | 0.011 U | 0.097  |
| beta-BHC                               | µg/L  | 0.407   | 0.148   | 0.037 U | 0.037 U | 0.295  |
| delta-BHC                              | µg/L  | 0.05 U  | 0.05 U  | 0.05 U  | 0.05 U  | 0.05 U |
| gamma-BHC (lindane)                    | µg/L  | 0.052 U | 0.052 U | 0.052 U | 0.052 U | 0.066  |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
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| <i>Sample Location:</i>                            | <i>IW41</i>            | <i>IW42</i>         | <i>IW45</i>         | <i>IW46</i>         | <i>IW600(43)</i>    |
|--|------------------------|---------------------|---------------------|---------------------|---------------------|
| <i>Sample ID:</i>                                  | WG-06112014-JR-IW41    | WG-05222014-JR-IW42 | WG-05222014-JR-IW45 | WG-05222014-JR-IW46 | WG-05222014-JR-IW43 |
| <i>Sample Date:</i>                                | 6/11/2014              | 5/22/2014           | 5/22/2014           | 5/22/2014           | 5/22/2014           |
| <b>Parameters</b>                                  |                        |                     |                     |                     |                     |
| <b>Semi-volatile Organic Compounds (Continued)</b> |                        |                     |                     |                     |                     |
| Hexachlorobenzene                                  | µg/L                   | 0.10 U              | 0.10 U              | 0.10 U              | 0.10 U              |
| Hexachlorobutadiene                                | µg/L                   | 0.02 U              | 0.02 U              | 0.02 U              | 0.02 U              |
| Hexachloroethane                                   | µg/L                   | 0.02 U              | 0.02 U              | 0.02 U              | 0.33                |
| <b>Herbicides</b>                                  |                        |                     |                     |                     |                     |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                   | 1.0 U               | 1.0 U               | 1.0 U               | 14                  |
| Pentachlorophenol                                  | µg/L                   | 0.5 U               | 0.5 U               | 0.5 U               | 0.5 U               |
| <b>General Chemistry</b>                           |                        |                     |                     |                     |                     |
| Chloride   | mg/L                   | 114                 | 62                  | 33.4                | 511                 |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L | 271                 | 179                 | 196                 | 480.                |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
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|                         |                            |                              |                              |                              |                              |
|-------------------------|----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| <b>Sample Location:</b> | <b>IW650(44)</b>           | <b>MW02S1</b>                | <b>MW02S2</b>                | <b>MW03S1</b>                | <b>MW05S3</b>                |
| <b>Sample ID:</b>       | <b>WG-05222014-JR-IW44</b> | <b>WG-05062014-AK-MW02S1</b> | <b>WG-05062014-AK-MW02S2</b> | <b>WG-05082014-AK-MW03S1</b> | <b>WG-05212014-JR-MW05S3</b> |
| <b>Sample Date:</b>     | <b>5/22/2014</b>           | <b>5/6/2014</b>              | <b>5/6/2014</b>              | <b>5/8/2014</b>              | <b>5/21/2014</b>             |

| <b>Parameters</b>                      | <b>Units</b> |         |         |         |         |
|--|--------------|---------|---------|---------|---------|
| <b>Volatile Organic Compounds</b>      |              |         |         |         |         |
| 1,1,1-Trichloroethane                  | µg/L         | 3 U     | 0.5 U   | 2       | 0.5 U   |
| 1,2-Dichloroethane                     | µg/L         | 3 U     | 0.5 U   | 2 U     | 0.5 U   |
| 1,2-Dichloropropane                    | µg/L         | 3 U     | 0.5 U   | 2 U     | 0.5 U   |
| Benzene                                | µg/L         | 3 U     | 0.5 U   | 6.0     | 0.5 U   |
| Carbon tetrachloride                   | µg/L         | 106     | 0.5 U   | 106     | 0.5 U   |
| Chloroform (Trichloromethane)          | µg/L         | 5       | 2.3     | 40.9    | 0.5 U   |
| Chloromethane (Methyl chloride)        | µg/L         | 3 U     | 0.5 U   | 2 U     | 0.5 U   |
| Methylene chloride                     | µg/L         | 3 U     | 0.5 U   | 2 U     | 0.5 U   |
| Tetrachloroethene                      | µg/L         | 3 U     | 0.5 U   | 6.5     | 0.5 U   |
| Trichloroethene                        | µg/L         | 3 U     | 0.5 U   | 2 U     | 0.5 U   |
| Vinyl chloride                         | µg/L         | 3 U     | 0.5 U   | 2 U     | 0.5 U   |
| <b>Semi-volatile Organic Compounds</b> |              |         |         |         |         |
| 2,3,4,5-Tetrachlorophenol              | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,3,4,6-Tetrachlorophenol              | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4,5-Trichlorophenol                  | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4,6-Trichlorophenol                  | µg/L         | 5.0 U   | 5.0 U   | 8.5     | 5.0 U   |
| 2,4-Dichlorophenol                     | µg/L         | 5.0 U   | 5.0 U   | 165     | 5.0 U   |
| 2,5-Dichlorophenol                     | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,6-Dichlorophenol                     | µg/L         | 5.0 U   | 5.0 U   | 36.6    | 5.0 U   |
| 2-Chlorophenol                         | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 3/4-Chlorophenol                       | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| alpha-BHC                              | µg/L         | 0.011 U | 0.011 U | 0.092   | 2.41    |
| beta-BHC                               | µg/L         | 0.037 U | 0.037 U | 1.26    | 0.421   |
| delta-BHC                              | µg/L         | 0.05 U  | 0.05 U  | 0.05 U  | 0.05 U  |
| gamma-BHC (lindane)                    | µg/L         | 0.052 U | 0.052 U | 0.052 U | 0.052 U |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

|                         |                            |                              |                              |                              |                              |
|-------------------------|----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| <b>Sample Location:</b> | <b>IW650(44)</b>           | <b>MW02S1</b>                | <b>MW02S2</b>                | <b>MW03S1</b>                | <b>MW05S3</b>                |
| <b>Sample ID:</b>       | <b>WG-05222014-JR-IW44</b> | <b>WG-05062014-AK-MW02S1</b> | <b>WG-05062014-AK-MW02S2</b> | <b>WG-05082014-AK-MW03S1</b> | <b>WG-05212014-JR-MW05S3</b> |
| <b>Sample Date:</b>     | <b>5/22/2014</b>           | <b>5/6/2014</b>              | <b>5/6/2014</b>              | <b>5/8/2014</b>              | <b>5/21/2014</b>             |

| <b>Parameters</b>                                  | <b>Units</b>           |        |        |        |        |        |
|--|------------------------|--------|--------|--------|--------|--------|
| <b>Semi-volatile Organic Compounds (Continued)</b> |                        |        |        |        |        |        |
| Hexachlorobenzene                                  | µg/L                   | 0.10 U |
| Hexachlorobutadiene                                | µg/L                   | 0.02 U | 0.02 U | 0.02 U | 0.02 U | 0.03   |
| Hexachloroethane                                   | µg/L                   | 0.02 U |
| <b>Herbicides</b>                                  |                        |        |        |        |        |        |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                   | 1.0 U  | 1.0    | 8.0    | 1.0 U  | 1.0 U  |
| Pentachlorophenol                                  | µg/L                   | 0.5 U  |
| <b>General Chemistry</b>                           |                        |        |        |        |        |        |
| Chloride   | mg/L                   | 132    | 143    | 1200   | 35.9   | 69     |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L | 283    | 392    | 424    | 209    | 200.   |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
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| <i>Sample Location:</i> | <i>MW06S1</i>                | <i>MW06S3</i>                | <i>MW07S1</i>                | <i>MW07S2</i>                | <i>MW07S2</i>                          |
|-------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--|
| <i>Sample ID:</i>       | <i>WG-05102014-JR-MW06S1</i> | <i>WG-05102014-JR-MW06S3</i> | <i>WG-05132014-JR-MW07S1</i> | <i>WG-05132014-JR-MW07S2</i> | <i>WG-05132014-JR-FD5</i>              |
| <i>Sample Date:</i>     | <i>5/10/2014</i>             | <i>5/10/2014</i>             | <i>5/13/2014</i>             | <i>5/13/2014</i>             | <i>5/13/2014</i><br><i>(Duplicate)</i> |

**Parameters****Units****Volatile Organic Compounds**

|                                 |      |       |       |      |       |       |
|---------------------------------|------|-------|-------|------|-------|-------|
| 1,1,1-Trichloroethane           | µg/L | 0.5 U | 0.5 U | 50 U | 0.5 U | 0.5 U |
| 1,2-Dichloroethane              | µg/L | 0.5 U | 0.5 U | 320  | 0.5 U | 0.5 U |
| 1,2-Dichloropropane             | µg/L | 0.5 U | 0.5 U | 50 U | 0.5 U | 0.5 U |
| Benzene                         | µg/L | 0.5 U | 0.5 U | 190  | 0.5 U | 0.5 U |
| Carbon tetrachloride            | µg/L | 0.5 U | 0.5 U | 4140 | 0.6   | 0.5   |
| Chloroform (Trichloromethane)   | µg/L | 0.5 U | 0.5 U | 3660 | 0.8   | 0.8   |
| Chloromethane (Methyl chloride) | µg/L | 0.5 U | 0.5 U | 50 U | 0.5 U | 0.5 U |
| Methylene chloride              | µg/L | 0.5 U | 0.5 U | 1590 | 0.5 U | 0.5 U |
| Tetrachloroethene               | µg/L | 0.5 U | 0.5 U | 880  | 0.5 U | 0.5 U |
| Trichloroethene                 | µg/L | 0.5 U | 0.5 U | 50 U | 0.5 U | 0.5 U |
| Vinyl chloride                  | µg/L | 0.5 U | 0.5 U | 50 U | 0.5 U | 0.5 U |

**Semi-volatile Organic Compounds**

|                           |      |         |         |       |         |         |
|---------------------------|------|---------|---------|-------|---------|---------|
| 2,3,4,5-Tetrachlorophenol | µg/L | 5.0 U   | 5.0 U   | 5.0 U | 5.0 U   | 5.0 U   |
| 2,3,4,6-Tetrachlorophenol | µg/L | 5.0 U   | 5.0 U   | 5.0 U | 5.0 U   | 5.0 U   |
| 2,4,5-Trichlorophenol     | µg/L | 5.0 U   | 5.0 U   | 5.0 U | 5.0 U   | 5.0 U   |
| 2,4,6-Trichlorophenol     | µg/L | 5.0 U   | 5.0 U   | 25.4  | 5.0 U   | 5.0 U   |
| 2,4-Dichlorophenol        | µg/L | 5.0 U   | 5.0 U   | 168   | 5.0 U   | 5.0 U   |
| 2,5-Dichlorophenol        | µg/L | 5.0 U   | 5.0 U   | 5.0 U | 5.0 U   | 5.0 U   |
| 2,6-Dichlorophenol        | µg/L | 5.0 U   | 5.0 U   | 17.1  | 5.0 U   | 5.0 U   |
| 2-Chlorophenol            | µg/L | 5.0 U   | 5.0 U   | 15.2  | 5.0 U   | 5.0 U   |
| 3/4-Chlorophenol          | µg/L | 5.0 U   | 5.0 U   | 5.0 U | 5.0 U   | 5.0 U   |
| alpha-BHC                 | µg/L | 0.011 U | 0.011 U | 1.08  | 0.011 U | 0.011 U |
| beta-BHC                  | µg/L | 0.037 U | 0.037 U | 0.195 | 0.037 U | 0.037 U |
| delta-BHC                 | µg/L | 0.05 U  | 0.05 U  | 0.71  | 0.05 U  | 0.05 U  |
| gamma-BHC (lindane)       | µg/L | 0.052 U | 0.052 U | 1.02  | 0.052 U | 0.052 U |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <i>Sample Location:</i>                            | <i>MW06S1</i>                | <i>MW06S3</i>                | <i>MW07S1</i>                | <i>MW07S2</i>                | <i>MW07S2</i>                          |        |
|--|------------------------------|------------------------------|------------------------------|------------------------------|--|--------|
| <i>Sample ID:</i>                                  | <i>WG-05102014-JR-MW06S1</i> | <i>WG-05102014-JR-MW06S3</i> | <i>WG-05132014-JR-MW07S1</i> | <i>WG-05132014-JR-MW07S2</i> | <i>WG-05132014-JR-FD5</i>              |        |
| <i>Sample Date:</i>                                | <i>5/10/2014</i>             | <i>5/10/2014</i>             | <i>5/13/2014</i>             | <i>5/13/2014</i>             | <i>5/13/2014</i><br><i>(Duplicate)</i> |        |
| <i>Parameters</i>                                  |                              |                              |                              |                              |  |        |
|  |                              |                              |                              |                              |  |        |
| <i>Semi-volatile Organic Compounds (Continued)</i> |                              |                              |                              |                              |  |        |
| Hexachlorobenzene                                  | µg/L                         | 0.10 U                       | 0.10 U                       | 0.10 U                       | 0.10 U                                 | 0.10 U |
| Hexachlorobutadiene                                | µg/L                         | 0.02 U                       | 0.02 U                       | 2.58                         | 0.02 U                                 | 0.02 U |
| Hexachloroethane                                   | µg/L                         | 0.02 U                       | 0.02 U                       | 19.0                         | 0.02 U                                 | 0.02 U |
| <i>Herbicides</i>                                  |                              |                              |                              |                              |  |        |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                         | 1.0 U                        | 1.0 U                        | 810                          | 1.0 U                                  | 1.0 U  |
| Pentachlorophenol                                  | µg/L                         | 0.5 U                        | 0.5 U                        | 0.5 U                        | 0.5 U                                  | 0.5 U  |
| <i>General Chemistry</i>                           |                              |                              |                              |                              |  |        |
| Chloride   | mg/L                         | 23.2                         | 197                          | 1350                         | 178                                    | 180.   |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L       | 232                          | 326                          | 1710                         | 478                                    | 467    |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
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| <i>Sample Location:</i>                | <i>MW07S3</i>                | <i>MW08S1</i>                | <i>MW08S2</i>                | <i>MW08S3</i>                |
|--|------------------------------|------------------------------|------------------------------|------------------------------|
| <i>Sample ID:</i>                      | <i>WG-05132014-JR-MW07S3</i> | <i>WG-05112014-JR-MW08S1</i> | <i>WG-05112014-JR-MW08S2</i> | <i>WG-05112014-JR-MW08S3</i> |
| <i>Sample Date:</i>                    | <i>5/13/2014</i>             | <i>5/11/2014</i>             | <i>5/11/2014</i>             | <i>5/11/2014</i>             |
| <i>Parameters</i>                      |                              |                              |                              |                              |
|  |                              | <i>Units</i>                 |                              |                              |
| <i>Volatile Organic Compounds</i>      |                              |                              |                              |                              |
| 1,1,1-Trichloroethane                  | µg/L                         | 0.5 U                        | 0.5 U                        | 2 U                          |
| 1,2-Dichloroethane                     | µg/L                         | 0.5 U                        | 0.5 U                        | 2 U                          |
| 1,2-Dichloropropane                    | µg/L                         | 0.5 U                        | 0.5 U                        | 2 U                          |
| Benzene                                | µg/L                         | 0.5 U                        | 0.5 U                        | 2 U                          |
| Carbon tetrachloride                   | µg/L                         | 0.5 U                        | 5.1                          | 28                           |
| Chloroform (Trichloromethane)          | µg/L                         | 0.5 U                        | 16.7                         | 18                           |
| Chloromethane (Methyl chloride)        | µg/L                         | 0.5 U                        | 0.5 U                        | 2 U                          |
| Methylene chloride                     | µg/L                         | 0.5 U                        | 0.5 U                        | 2 U                          |
| Tetrachloroethene                      | µg/L                         | 0.5 U                        | 0.5 U                        | 4                            |
| Trichloroethene                        | µg/L                         | 0.5 U                        | 0.5 U                        | 2                            |
| Vinyl chloride                         | µg/L                         | 0.5 U                        | 0.5 U                        | 2 U                          |
| <i>Semi-volatile Organic Compounds</i> |                              |                              |                              |                              |
| 2,3,4,5-Tetrachlorophenol              | µg/L                         | 5.0 U                        | 5.0 U                        | 5.0 U                        |
| 2,3,4,6-Tetrachlorophenol              | µg/L                         | 5.0 U                        | 5.0 U                        | 5.0 U                        |
| 2,4,5-Trichlorophenol                  | µg/L                         | 5.0 U                        | 5.0 U                        | 5.0 U                        |
| 2,4,6-Trichlorophenol                  | µg/L                         | 5.0 U                        | 20.1                         | 5.0 U                        |
| 2,4-Dichlorophenol                     | µg/L                         | 5.0 U                        | 138                          | 5.0 U                        |
| 2,5-Dichlorophenol                     | µg/L                         | 5.0 U                        | 5.0 U                        | 5.0 U                        |
| 2,6-Dichlorophenol                     | µg/L                         | 5.0 U                        | 87.5                         | 5.0 U                        |
| 2-Chlorophenol                         | µg/L                         | 5.0 U                        | 5.0 U                        | 5.0 U                        |
| 3/4-Chlorophenol                       | µg/L                         | 5.0 U                        | 5.0 U                        | 5.0 U                        |
| alpha-BHC                              | µg/L                         | 0.011 U                      | 0.046                        | 0.060                        |
| beta-BHC                               | µg/L                         | 0.037 U                      | 0.717                        | 0.536                        |
| delta-BHC                              | µg/L                         | 0.05 U                       | 0.05 U                       | 0.05 U                       |
| gamma-BHC (lindane)                    | µg/L                         | 0.052 U                      | 0.052 U                      | 0.052 U                      |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <i>Sample Location:</i>                            | <i>MW07S3</i>                | <i>MW08S1</i>                | <i>MW08S2</i>                | <i>MW08S3</i>                |
|--|------------------------------|------------------------------|------------------------------|------------------------------|
| <i>Sample ID:</i>                                  | <i>WG-05132014-JR-MW07S3</i> | <i>WG-05112014-JR-MW08S1</i> | <i>WG-05112014-JR-MW08S2</i> | <i>WG-05112014-JR-MW08S3</i> |
| <i>Sample Date:</i>                                | <i>5/13/2014</i>             | <i>5/11/2014</i>             | <i>5/11/2014</i>             | <i>5/11/2014</i>             |
| <i>Parameters</i>                                  |                              |                              |                              |                              |
|  | <i>Units</i>                 |                              |                              |                              |
| <i>Semi-volatile Organic Compounds (Continued)</i> |                              |                              |                              |                              |
| Hexachlorobenzene                                  | µg/L                         | 0.10 U                       | 0.10 U                       | 0.10 U                       |
| Hexachlorobutadiene                                | µg/L                         | 0.02 U                       | 0.02 U                       | 0.02 U                       |
| Hexachloroethane                                   | µg/L                         | 0.02 U                       | 0.02 U                       | 0.02 U                       |
| <i>Herbicides</i>                                  |                              |                              |                              |                              |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                         | 1.0 U                        | 12                           | 1.0 U                        |
| Pentachlorophenol                                  | µg/L                         | 0.5 U                        | 0.5 U                        | 0.5 U                        |
| <i>General Chemistry</i>                           |                              |                              |                              |                              |
| Chloride   | mg/L                         | 164                          | 1310                         | 620                          |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L       | 436                          | 917                          | 712                          |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

|                         |                              |                              |                              |                              |
|-------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| <b>Sample Location:</b> | <b>MW09S1</b>                | <b>MW09S3</b>                | <b>MW10S1</b>                | <b>MW10S2</b>                |
| <b>Sample ID:</b>       | <b>WG-05122014-AK-MW09S1</b> | <b>WG-05122014-AK-MW09S3</b> | <b>WG-05082014-JR-MW10S1</b> | <b>WG-05082014-JR-MW10S2</b> |
| <b>Sample Date:</b>     | <b>5/12/2014</b>             | <b>5/12/2014</b>             | <b>5/8/2014</b>              | <b>5/8/2014</b>              |

| <b>Parameters</b>                      | <b>Units</b> |       |         |         |         |
|--|--------------|-------|---------|---------|---------|
| <b>Volatile Organic Compounds</b>      |              |       |         |         |         |
| 1,1,1-Trichloroethane                  | µg/L         | 2 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| 1,2-Dichloroethane                     | µg/L         | 107   | 0.5 U   | 0.5 U   | 0.5 U   |
| 1,2-Dichloropropane                    | µg/L         | 2 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Benzene                                | µg/L         | 22    | 0.5 U   | 0.5 U   | 0.5 U   |
| Carbon tetrachloride                   | µg/L         | 2 U   | 12.2    | 2.4     | 32.5    |
| Chloroform (Trichloromethane)          | µg/L         | 2 U   | 10.0    | 3.7     | 2.3     |
| Chloromethane (Methyl chloride)        | µg/L         | 2 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Methylene chloride                     | µg/L         | 2 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Tetrachloroethene                      | µg/L         | 139   | 3.0     | 1.0     | 2.0     |
| Trichloroethene                        | µg/L         | 196   | 0.5 U   | 0.8     | 0.5 U   |
| Vinyl chloride                         | µg/L         | 2 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| <b>Semi-volatile Organic Compounds</b> |              |       |         |         |         |
| 2,3,4,5-Tetrachlorophenol              | µg/L         | 5.0 U | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,3,4,6-Tetrachlorophenol              | µg/L         | 5.0 U | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4,5-Trichlorophenol                  | µg/L         | 5.0 U | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4,6-Trichlorophenol                  | µg/L         | 5.0 U | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4-Dichlorophenol                     | µg/L         | 5.0 U | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,5-Dichlorophenol                     | µg/L         | 5.0 U | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,6-Dichlorophenol                     | µg/L         | 5.0 U | 5.0 U   | 5.0 U   | 5.0 U   |
| 2-Chlorophenol                         | µg/L         | 5.0 U | 5.0 U   | 5.0 U   | 5.0 U   |
| 3/4-Chlorophenol                       | µg/L         | 5.0 U | 5.0 U   | 5.0 U   | 5.0 U   |
| alpha-BHC                              | µg/L         | 0.354 | 0.011 U | 0.011 U | 0.011 U |
| beta-BHC                               | µg/L         | 0.060 | 0.037 U | 0.037 U | 0.037 U |
| delta-BHC                              | µg/L         | 0.30  | 0.05 U  | 0.05 U  | 0.05 U  |
| gamma-BHC (lindane)                    | µg/L         | 0.109 | 0.052 U | 0.052 U | 0.052 U |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <i>Sample Location:</i>                            | <i>MW09S1</i>                | <i>MW09S3</i>                | <i>MW10S1</i>                | <i>MW10S2</i>                |
|--|------------------------------|------------------------------|------------------------------|------------------------------|
| <i>Sample ID:</i>                                  | <i>WG-05122014-AK-MW09S1</i> | <i>WG-05122014-AK-MW09S3</i> | <i>WG-05082014-JR-MW10S1</i> | <i>WG-05082014-JR-MW10S2</i> |
| <i>Sample Date:</i>                                | <i>5/12/2014</i>             | <i>5/12/2014</i>             | <i>5/8/2014</i>              | <i>5/8/2014</i>              |
| <i>Parameters</i>                                  |                              |                              |                              |                              |
|  | <i>Units</i>                 |                              |                              |                              |
| <i>Semi-volatile Organic Compounds (Continued)</i> |                              |                              |                              |                              |
| Hexachlorobenzene                                  | µg/L                         | 0.10 U                       | 0.10 U                       | 0.10 U                       |
| Hexachlorobutadiene                                | µg/L                         | 0.95                         | 0.02 U                       | 0.02 U                       |
| Hexachloroethane                                   | µg/L                         | 0.02 U                       | 0.02 U                       | 0.02 U                       |
| <i>Herbicides</i>                                  |                              |                              |                              |                              |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                         | 1.0 U                        | 1.0 U                        | 1.0 U                        |
| Pentachlorophenol                                  | µg/L                         | 0.5 U                        | 0.5 U                        | 0.5 U                        |
| <i>General Chemistry</i>                           |                              |                              |                              |                              |
| Chloride   | mg/L                         | 480                          | 66                           | 203                          |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L       | 821                          | 185                          | 421                          |
|  |                              |                              |                              | 330.                         |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

|                         |                              |                              |                               |                               |
|-------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|
| <b>Sample Location:</b> | <b>MW10S3</b>                | <b>MW11S1</b>                | <b>MW11S3A</b>                | <b>MW12S1A</b>                |
| <b>Sample ID:</b>       | <b>WG-05082014-JR-MW10S3</b> | <b>WG-05072014-JR-MW11S1</b> | <b>WG-05072014-JR-MW11S3A</b> | <b>WG-05202014-AK-MW12S1A</b> |
| <b>Sample Date:</b>     | <b>5/8/2014</b>              | <b>5/7/2014</b>              | <b>5/7/2014</b>               | <b>5/20/2014</b>              |

| <b>Parameters</b>                      | <b>Units</b> |         |        |         |        |
|--|--------------|---------|--------|---------|--------|
| <b>Volatile Organic Compounds</b>      |              |         |        |         |        |
| 1,1,1-Trichloroethane                  | µg/L         | 0.5 U   | 0.5 U  | 0.5 U   | 500 U  |
| 1,2-Dichloroethane                     | µg/L         | 0.5 U   | 0.5 U  | 0.5 U   | 500 U  |
| 1,2-Dichloropropane                    | µg/L         | 0.5 U   | 0.5 U  | 0.5 U   | 500 U  |
| Benzene                                | µg/L         | 0.5 U   | 0.5 U  | 0.5 U   | 500 U  |
| Carbon tetrachloride                   | µg/L         | 0.5 U   | 28.0   | 0.5 U   | 4300   |
| Chloroform (Trichloromethane)          | µg/L         | 0.5 U   | 6.1    | 0.5 U   | 13600  |
| Chloromethane (Methyl chloride)        | µg/L         | 0.5 U   | 0.5 U  | 0.5 U   | 500 U  |
| Methylene chloride                     | µg/L         | 0.5 U   | 0.5 U  | 0.5 U   | 500 U  |
| Tetrachloroethene                      | µg/L         | 0.5 U   | 0.5 U  | 0.5 U   | 1400   |
| Trichloroethene                        | µg/L         | 0.5 U   | 0.5 U  | 0.5 U   | 500 U  |
| Vinyl chloride                         | µg/L         | 2.4     | 0.5 U  | 0.5 U   | 500 U  |
| <b>Semi-volatile Organic Compounds</b> |              |         |        |         |        |
| 2,3,4,5-Tetrachlorophenol              | µg/L         | 5.0 U   | 5.0 U  | 5.0 U   | 5.0 U  |
| 2,3,4,6-Tetrachlorophenol              | µg/L         | 5.0 U   | 5.0 U  | 5.0 U   | 9.5    |
| 2,4,5-Trichlorophenol                  | µg/L         | 5.0 U   | 5.0 U  | 5.0 U   | 5.0 U  |
| 2,4,6-Trichlorophenol                  | µg/L         | 5.0 U   | 5.0 U  | 5.0 U   | 72.7   |
| 2,4-Dichlorophenol                     | µg/L         | 5.0 U   | 5.0 U  | 5.0 U   | 206    |
| 2,5-Dichlorophenol                     | µg/L         | 5.0 U   | 5.0 U  | 5.0 U   | 5.0 U  |
| 2,6-Dichlorophenol                     | µg/L         | 5.0 U   | 5.0 U  | 5.0 U   | 109    |
| 2-Chlorophenol                         | µg/L         | 5.0 U   | 5.0 U  | 5.0 U   | 6.7    |
| 3/4-Chlorophenol                       | µg/L         | 5.0 U   | 5.0 U  | 5.0 U   | 20.7   |
| alpha-BHC                              | µg/L         | 0.011 U | 0.118  | 0.011 U | 0.67 J |
| beta-BHC                               | µg/L         | 0.037 U | 0.271  | 0.037 U | 1.03 J |
| delta-BHC                              | µg/L         | 0.05 U  | 0.05 U | 0.05 U  | 0.6 J  |
| gamma-BHC (lindane)                    | µg/L         | 0.052 U | 0.059  | 0.052 U | 0.84 J |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

|                         |                              |                              |                               |                               |
|-------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|
| <b>Sample Location:</b> | <b>MW10S3</b>                | <b>MW11S1</b>                | <b>MW11S3A</b>                | <b>MW12S1A</b>                |
| <b>Sample ID:</b>       | <b>WG-05082014-JR-MW10S3</b> | <b>WG-05072014-JR-MW11S1</b> | <b>WG-05072014-JR-MW11S3A</b> | <b>WG-05202014-AK-MW12S1A</b> |
| <b>Sample Date:</b>     | <b>5/8/2014</b>              | <b>5/7/2014</b>              | <b>5/7/2014</b>               | <b>5/20/2014</b>              |

| <b>Parameters</b>                                  | <b>Units</b>           |        |        |        |        |
|--|------------------------|--------|--------|--------|--------|
| <b>Semi-volatile Organic Compounds (Continued)</b> |                        |        |        |        |        |
| Hexachlorobenzene                                  | µg/L                   | 0.10 U | 0.10 U | 0.10 U | 1.0 U  |
| Hexachlorobutadiene                                | µg/L                   | 0.02 U | 0.02 U | 0.02 U | 7.9 J  |
| Hexachloroethane                                   | µg/L                   | 0.02 U | 0.02 U | 0.02 U | 17.2 J |
| <b>Herbicides</b>                                  |                        |        |        |        |        |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                   | 1.0 U  | 1.0 U  | 1.0 U  | 5.0    |
| Pentachlorophenol                                  | µg/L                   | 0.5 U  | 0.5 U  | 0.5 U  | 5.1    |
| <b>General Chemistry</b>                           |                        |        |        |        |        |
| Chloride   | mg/L                   | 177    | 309    | 65     | 1330   |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L | 128    | 478    | 255    | 589    |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
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| <i>Sample Location:</i> | <i>MW12S3</i>                | <i>MW13S1</i>                | <i>MW13S3</i>                | <i>MW14S1</i>                |
|-------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| <i>Sample ID:</i>       | <i>WG-05222014-JR-MW12S3</i> | <i>WG-05082014-AK-MW13S1</i> | <i>WG-05082014-AK-MW13S3</i> | <i>WG-05062014-AK-MW14S1</i> |
| <i>Sample Date:</i>     | <i>5/22/2014</i>             | <i>5/8/2014</i>              | <i>5/8/2014</i>              | <i>5/6/2014</i>              |

| <i>Parameters</i>                      | <i>Units</i> |         |         |         |
|--|--------------|---------|---------|---------|
| <b>Volatile Organic Compounds</b>      |              |         |         |         |
| 1,1,1-Trichloroethane                  | µg/L         | 5 U     | 0.5 U   | 0.5 U   |
| 1,2-Dichloroethane                     | µg/L         | 5 U     | 0.5 U   | 0.5 U   |
| 1,2-Dichloropropane                    | µg/L         | 5 U     | 0.5 U   | 0.5 U   |
| Benzene                                | µg/L         | 5 U     | 0.5 U   | 0.5 U   |
| Carbon tetrachloride                   | µg/L         | 109     | 0.5 U   | 1.2     |
| Chloroform (Trichloromethane)          | µg/L         | 119     | 0.5 U   | 0.5 U   |
| Chloromethane (Methyl chloride)        | µg/L         | 5 U     | 0.5 U   | 0.5 U   |
| Methylene chloride                     | µg/L         | 5 U     | 0.5 U   | 0.5 U   |
| Tetrachloroethene                      | µg/L         | 49      | 0.5 U   | 0.5 U   |
| Trichloroethene                        | µg/L         | 5 U     | 0.5 U   | 0.5 U   |
| Vinyl chloride                         | µg/L         | 5 U     | 0.5 U   | 0.5 U   |
| <b>Semi-volatile Organic Compounds</b> |              |         |         |         |
| 2,3,4,5-Tetrachlorophenol              | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,3,4,6-Tetrachlorophenol              | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4,5-Trichlorophenol                  | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4,6-Trichlorophenol                  | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4-Dichlorophenol                     | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,5-Dichlorophenol                     | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,6-Dichlorophenol                     | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   |
| 2-Chlorophenol                         | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   |
| 3/4-Chlorophenol                       | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   |
| alpha-BHC                              | µg/L         | 0.068   | 0.011 U | 0.011 U |
| beta-BHC                               | µg/L         | 4.28    | 0.037 U | 0.037 U |
| delta-BHC                              | µg/L         | 0.05 U  | 0.05 U  | 0.05 U  |
| gamma-BHC (lindane)                    | µg/L         | 0.052 U | 0.052 U | 0.052 U |

|                                 |      |     |       |       |
|---------------------------------|------|-----|-------|-------|
| 1,1,1-Trichloroethane           | µg/L | 5 U | 0.5 U | 0.5 U |
| 1,2-Dichloroethane              | µg/L | 5 U | 0.5 U | 0.5 U |
| 1,2-Dichloropropane             | µg/L | 5 U | 0.5 U | 0.5 U |
| Benzene                         | µg/L | 5 U | 0.5 U | 0.5 U |
| Carbon tetrachloride            | µg/L | 109 | 0.5 U | 1.2   |
| Chloroform (Trichloromethane)   | µg/L | 119 | 0.5 U | 0.5 U |
| Chloromethane (Methyl chloride) | µg/L | 5 U | 0.5 U | 0.5 U |
| Methylene chloride              | µg/L | 5 U | 0.5 U | 0.5 U |
| Tetrachloroethene               | µg/L | 49  | 0.5 U | 0.5 U |
| Trichloroethene                 | µg/L | 5 U | 0.5 U | 0.5 U |
| Vinyl chloride                  | µg/L | 5 U | 0.5 U | 0.5 U |

|                           |      |         |         |         |
|---------------------------|------|---------|---------|---------|
| 2,3,4,5-Tetrachlorophenol | µg/L | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,3,4,6-Tetrachlorophenol | µg/L | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4,5-Trichlorophenol     | µg/L | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4,6-Trichlorophenol     | µg/L | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4-Dichlorophenol        | µg/L | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,5-Dichlorophenol        | µg/L | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,6-Dichlorophenol        | µg/L | 5.0 U   | 5.0 U   | 5.0 U   |
| 2-Chlorophenol            | µg/L | 5.0 U   | 5.0 U   | 5.0 U   |
| 3/4-Chlorophenol          | µg/L | 5.0 U   | 5.0 U   | 5.0 U   |
| alpha-BHC                 | µg/L | 0.068   | 0.011 U | 0.011 U |
| beta-BHC                  | µg/L | 4.28    | 0.037 U | 0.037 U |
| delta-BHC                 | µg/L | 0.05 U  | 0.05 U  | 0.05 U  |
| gamma-BHC (lindane)       | µg/L | 0.052 U | 0.052 U | 0.052 U |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <i>Sample Location:</i>                            | <i>MW12S3</i>                | <i>MW13S1</i>                | <i>MW13S3</i>                | <i>MW14S1</i>                |
|--|------------------------------|------------------------------|------------------------------|------------------------------|
| <i>Sample ID:</i>                                  | <i>WG-05222014-JR-MW12S3</i> | <i>WG-05082014-AK-MW13S1</i> | <i>WG-05082014-AK-MW13S3</i> | <i>WG-05062014-AK-MW14S1</i> |
| <i>Sample Date:</i>                                | <i>5/22/2014</i>             | <i>5/8/2014</i>              | <i>5/8/2014</i>              | <i>5/6/2014</i>              |
| <b>Parameters</b>                                  |                              |                              |                              |                              |
|  | <b>Units</b>                 |                              |                              |                              |
| <b>Semi-volatile Organic Compounds (Continued)</b> |                              |                              |                              |                              |
| Hexachlorobenzene                                  | μg/L                         | 0.10 U                       | 0.10 U                       | 0.10 U                       |
| Hexachlorobutadiene                                | μg/L                         | 1.02                         | 0.02 U                       | 0.02 U                       |
| Hexachloroethane                                   | μg/L                         | 0.76                         | 0.02 U                       | 0.02 U                       |
| <b>Herbicides</b>                                  |                              |                              |                              |                              |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | μg/L                         | 1.0 U                        | 1.0 U                        | 1.0 U                        |
| Pentachlorophenol                                  | μg/L                         | 0.5 U                        | 0.5 U                        | 0.5 U                        |
| <b>General Chemistry</b>                           |                              |                              |                              |                              |
| Chloride   | mg/L                         | 220.                         | 30.5                         | 62                           |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L       | 353                          | 353                          | 197                          |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

|                         |                              |                              |                              |                               |
|-------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|
| <b>Sample Location:</b> | <b>MW14S3</b>                | <b>MW15S2</b>                | <b>MW15S4</b>                | <b>MW16S1A</b>                |
| <b>Sample ID:</b>       | <b>WG-05072014-AK-MW14S3</b> | <b>WG-05202014-AK-MW15S2</b> | <b>WG-05092014-AK-MW15S4</b> | <b>WG-05092014-AK-MW16S1A</b> |
| <b>Sample Date:</b>     | <b>5/7/2014</b>              | <b>5/20/2014</b>             | <b>5/9/2014</b>              | <b>5/9/2014</b>               |

| <b>Parameters</b>                      | <b>Units</b> | <b>MW14S3</b> | <b>MW15S2</b> | <b>MW15S4</b> | <b>MW16S1A</b> |
|--|--------------|---------------|---------------|---------------|----------------|
| <b>Volatile Organic Compounds</b>      |              |               |               |               |                |
| 1,1,1-Trichloroethane                  | µg/L         | 100 U         | 10 U          | 0.5 U         | 0.5 U          |
| 1,2-Dichloroethane                     | µg/L         | 100 U         | 10 U          | 0.5 U         | 0.5 U          |
| 1,2-Dichloropropane                    | µg/L         | 100 U         | 10 U          | 0.5 U         | 0.5 U          |
| Benzene                                | µg/L         | 100 U         | 10 U          | 0.5 U         | 0.5 U          |
| Carbon tetrachloride                   | µg/L         | 4160          | 749           | 0.5 U         | 20.3           |
| Chloroform (Trichloromethane)          | µg/L         | 5540          | 25            | 0.5 U         | 6.0            |
| Chloromethane (Methyl chloride)        | µg/L         | 100 U         | 10 U          | 0.5 U         | 0.5 U          |
| Methylene chloride                     | µg/L         | 100 U         | 10 U          | 0.5 U         | 0.5 U          |
| Tetrachloroethene                      | µg/L         | 720           | 10 U          | 0.5 U         | 0.5 U          |
| Trichloroethene                        | µg/L         | 100 U         | 10 U          | 0.5 U         | 0.5 U          |
| Vinyl chloride                         | µg/L         | 100 U         | 10 U          | 0.5 U         | 0.5 U          |
| <b>Semi-volatile Organic Compounds</b> |              |               |               |               |                |
| 2,3,4,5-Tetrachlorophenol              | µg/L         | 5.0 U         | 5.0 U         | 5.0 U         | 5.0 U          |
| 2,3,4,6-Tetrachlorophenol              | µg/L         | 5.0 U         | 5.0 U         | 5.0 U         | 5.0 U          |
| 2,4,5-Trichlorophenol                  | µg/L         | 5.0 U         | 5.0 U         | 5.0 U         | 5.0 U          |
| 2,4,6-Trichlorophenol                  | µg/L         | 5.0 U         | 5.0 U         | 5.0 U         | 5.0 U          |
| 2,4-Dichlorophenol                     | µg/L         | 5.0 U         | 5.0 U         | 5.0 U         | 5.0 U          |
| 2,5-Dichlorophenol                     | µg/L         | 5.0 U         | 5.0 U         | 5.0 U         | 5.0 U          |
| 2,6-Dichlorophenol                     | µg/L         | 5.0 U         | 5.0 U         | 5.0 U         | 5.0 U          |
| 2-Chlorophenol                         | µg/L         | 5.0 U         | 5.0 U         | 5.0 U         | 5.0 U          |
| 3/4-Chlorophenol                       | µg/L         | 5.0 U         | 5.0 U         | 5.0 U         | 5.0 U          |
| alpha-BHC                              | µg/L         | 0.404 J       | 0.011 U       | 0.011 U       | 0.011 U        |
| beta-BHC                               | µg/L         | 0.646 J       | 0.218         | 0.042         | 0.037 U        |
| delta-BHC                              | µg/L         | 0.51 J        | 0.05 U        | 0.05 U        | 0.05 U         |
| gamma-BHC (lindane)                    | µg/L         | 0.602 J       | 0.052 U       | 0.052 U       | 0.052 U        |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <i>Sample Location:</i>                            | <i>MW14S3</i>                | <i>MW15S2</i>                | <i>MW15S4</i>                | <i>MW16S1A</i>                |
|--|------------------------------|------------------------------|------------------------------|-------------------------------|
| <i>Sample ID:</i>                                  | <i>WG-05072014-AK-MW14S3</i> | <i>WG-05202014-AK-MW15S2</i> | <i>WG-05092014-AK-MW15S4</i> | <i>WG-05092014-AK-MW16S1A</i> |
| <i>Sample Date:</i>                                | <i>5/7/2014</i>              | <i>5/20/2014</i>             | <i>5/9/2014</i>              | <i>5/9/2014</i>               |
| <b>Parameters</b>                                  |                              |                              |                              |                               |
| <b>Units</b>                                       |                              |                              |                              |                               |
| <b>Semi-volatile Organic Compounds (Continued)</b> |                              |                              |                              |                               |
| Hexachlorobenzene                                  | µg/L                         | 0.40 U                       | 0.10 U                       | 0.10 U                        |
| Hexachlorobutadiene                                | µg/L                         | 1.6 J                        | 0.02 U                       | 0.02 U                        |
| Hexachloroethane                                   | µg/L                         | 7.46 J                       | 0.04                         | 0.02 U                        |
| <b>Herbicides</b>                                  |                              |                              |                              |                               |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                         | 1.0 U                        | 1.0 U                        | 1.0 U                         |
| Pentachlorophenol                                  | µg/L                         | 5.0                          | 0.5 U                        | 0.5 U                         |
| <b>General Chemistry</b>                           |                              |                              |                              |                               |
| Chloride   | mg/L                         | 790                          | 522                          | 6.0                           |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L       | 946                          | 497                          | 186                           |
|  |                              |                              |                              | 419                           |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

|                         |                                |                               |                              |                               |
|-------------------------|--------------------------------|-------------------------------|------------------------------|-------------------------------|
| <b>Sample Location:</b> | <b>MW16S2SS</b>                | <b>MW16S4R</b>                | <b>MW17S1</b>                | <b>MW17S3A</b>                |
| <b>Sample ID:</b>       | <b>WG-05142014-AK-MW16S2SS</b> | <b>WG-05092014-AK-MW16S4R</b> | <b>WG-05102014-JR-MW17S1</b> | <b>WG-05102014-JR-MW17S3A</b> |
| <b>Sample Date:</b>     | <b>5/14/2014</b>               | <b>5/9/2014</b>               | <b>5/10/2014</b>             | <b>5/10/2014</b>              |

| <b>Parameters</b>                      | <b>Units</b> |        |         |         |         |
|--|--------------|--------|---------|---------|---------|
| <b>Volatile Organic Compounds</b>      |              |        |         |         |         |
| 1,1,1-Trichloroethane                  | µg/L         | 20 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| 1,2-Dichloroethane                     | µg/L         | 20 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| 1,2-Dichloropropane                    | µg/L         | 20 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Benzene                                | µg/L         | 43     | 0.5 U   | 0.5 U   | 0.5 U   |
| Carbon tetrachloride                   | µg/L         | 250    | 0.5 U   | 0.5 U   | 0.5 U   |
| Chloroform (Trichloromethane)          | µg/L         | 30     | 0.5 U   | 0.5 U   | 0.5 U   |
| Chloromethane (Methyl chloride)        | µg/L         | 20 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Methylene chloride                     | µg/L         | 20 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Tetrachloroethene                      | µg/L         | 20 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Trichloroethene                        | µg/L         | 20 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Vinyl chloride                         | µg/L         | 20 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| <b>Semi-volatile Organic Compounds</b> |              |        |         |         |         |
| 2,3,4,5-Tetrachlorophenol              | µg/L         | 5.0 U  | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,3,4,6-Tetrachlorophenol              | µg/L         | 5.0 U  | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4,5-Trichlorophenol                  | µg/L         | 5.0 U  | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4,6-Trichlorophenol                  | µg/L         | 5.0 U  | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4-Dichlorophenol                     | µg/L         | 1300   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,5-Dichlorophenol                     | µg/L         | 5.0 U  | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,6-Dichlorophenol                     | µg/L         | 53.8   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2-Chlorophenol                         | µg/L         | 1280   | 5.0 U   | 5.0 U   | 5.0 U   |
| 3/4-Chlorophenol                       | µg/L         | 1560   | 5.0 U   | 5.0 U   | 5.0 U   |
| alpha-BHC                              | µg/L         | 0.625  | 0.011 U | 0.011 U | 0.011 U |
| beta-BHC                               | µg/L         | 1.47   | 0.261   | 0.037 U | 0.037 U |
| delta-BHC                              | µg/L         | 0.1 U  | 0.05 U  | 0.05 U  | 0.05 U  |
| gamma-BHC (lindane)                    | µg/L         | 0.10 U | 0.052 U | 0.052 U | 0.052 U |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
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| <i>Sample Location:</i>                            | <i>MW16S2SS</i>                | <i>MW16S4R</i>                | <i>MW17S1</i>                | <i>MW17S3A</i>                |
|--|--------------------------------|-------------------------------|------------------------------|-------------------------------|
| <i>Sample ID:</i>                                  | <i>WG-05142014-AK-MW16S2SS</i> | <i>WG-05092014-AK-MW16S4R</i> | <i>WG-05102014-JR-MW17S1</i> | <i>WG-05102014-JR-MW17S3A</i> |
| <i>Sample Date:</i>                                | <i>5/14/2014</i>               | <i>5/9/2014</i>               | <i>5/10/2014</i>             | <i>5/10/2014</i>              |
| <b>Parameters</b>                                  |                                |                               |                              |                               |
|  | <b>Units</b>                   |                               |                              |                               |
| <b>Semi-volatile Organic Compounds (Continued)</b> |                                |                               |                              |                               |
| Hexachlorobenzene                                  | µg/L                           | 0.20 U                        | 0.10 U                       | 0.10 U                        |
| Hexachlorobutadiene                                | µg/L                           | 0.04 U                        | 0.02 U                       | 0.02 U                        |
| Hexachloroethane                                   | µg/L                           | 0.06                          | 0.02 U                       | 0.02 U                        |
| <b>Herbicides</b>                                  |                                |                               |                              |                               |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                           | 1.0 U                         | 1.0 U                        | 1.0 U                         |
| Pentachlorophenol                                  | µg/L                           | 0.5 U                         | 0.5 U                        | 0.5 U                         |
| <b>General Chemistry</b>                           |                                |                               |                              |                               |
| Chloride   | mg/L                           | 1800                          | 15.5                         | 23.2                          |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L         | 462                           | 208                          | 377                           |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

|                         |                               |                              |                              |                              |
|-------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|
| <b>Sample Location:</b> | <b>MW17S3B</b>                | <b>MW18S1</b>                | <b>MW18S3</b>                | <b>MW19S1</b>                |
| <b>Sample ID:</b>       | <b>WG-05102014-JR-MW17S3B</b> | <b>WG-05212014-JR-MW18S1</b> | <b>WG-05212014-JR-MW18S3</b> | <b>WG-05202014-JR-MW19S1</b> |
| <b>Sample Date:</b>     | <b>5/10/2014</b>              | <b>5/21/2014</b>             | <b>5/21/2014</b>             | <b>5/20/2014</b>             |

| <b>Parameters</b>                      |      | <b>Units</b> |        |        |        |
|--|------|--------------|--------|--------|--------|
| <b>Volatile Organic Compounds</b>      |      |              |        |        |        |
| 1,1,1-Trichloroethane                  | µg/L | 0.5 U        | 1000   | 2000 U | 2 U    |
| 1,2-Dichloroethane                     | µg/L | 0.5 U        | 1000 U | 2000 U | 2 U    |
| 1,2-Dichloropropane                    | µg/L | 0.5 U        | 1000 U | 2000 U | 2 U    |
| Benzene                                | µg/L | 0.5 U        | 1000 U | 2000 U | 2 U    |
| Carbon tetrachloride                   | µg/L | 0.5 U        | 160000 | 74300  | 62.6   |
| Chloroform (Trichloromethane)          | µg/L | 0.5 U        | 75200  | 62200  | 30.    |
| Chloromethane (Methyl chloride)        | µg/L | 0.5 U        | 1000 U | 2000 U | 2 U    |
| Methylene chloride                     | µg/L | 0.5 U        | 2000   | 2000 U | 2 U    |
| Tetrachloroethene                      | µg/L | 0.5 U        | 42900  | 16000  | 287    |
| Trichloroethene                        | µg/L | 0.5 U        | 1000   | 2000 U | 3      |
| Vinyl chloride                         | µg/L | 0.5 U        | 1000 U | 2000 U | 2 U    |
| <b>Semi-volatile Organic Compounds</b> |      |              |        |        |        |
| 2,3,4,5-Tetrachlorophenol              | µg/L | 5.0 U        | 5.0 U  | 5.0 U  | 5.0 U  |
| 2,3,4,6-Tetrachlorophenol              | µg/L | 5.0 U        | 135    | 20.2   | 5.0 U  |
| 2,4,5-Trichlorophenol                  | µg/L | 5.0 U        | 5.0 U  | 5.0 U  | 5.0 U  |
| 2,4,6-Trichlorophenol                  | µg/L | 5.0 U        | 153    | 8.4    | 5.0 U  |
| 2,4-Dichlorophenol                     | µg/L | 5.0 U        | 38.2   | 5.0 U  | 5.0 U  |
| 2,5-Dichlorophenol                     | µg/L | 5.0 U        | 5.0 U  | 5.0 U  | 5.0 U  |
| 2,6-Dichlorophenol                     | µg/L | 5.0 U        | 13.9   | 5.0 U  | 5.0 U  |
| 2-Chlorophenol                         | µg/L | 5.0 U        | 8.6    | 5.0 U  | 5.0 U  |
| 3/4-Chlorophenol                       | µg/L | 5.0 U        | 5.0 U  | 5.0 U  | 5.0 U  |
| alpha-BHC                              | µg/L | 0.011 U      | 7.93   | 2.8 U  | 0.22 U |
| beta-BHC                               | µg/L | 0.037 U      | 4.52   | 7.4 U  | 0.74 U |
| delta-BHC                              | µg/L | 0.05 U       | 2.7    | 10 U   | 1 U    |
| gamma-BHC (lindane)                    | µg/L | 0.052 U      | 1.96   | 10 U   | 1.0 U  |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
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| <i>Sample Location:</i>                            | <i>MW17S3B</i>                | <i>MW18S1</i>                | <i>MW18S3</i>                | <i>MW19S1</i>                |
|--|-------------------------------|------------------------------|------------------------------|------------------------------|
| <i>Sample ID:</i>                                  | <i>WG-05102014-JR-MW17S3B</i> | <i>WG-05212014-JR-MW18S1</i> | <i>WG-05212014-JR-MW18S3</i> | <i>WG-05202014-JR-MW19S1</i> |
| <i>Sample Date:</i>                                | <i>5/10/2014</i>              | <i>5/21/2014</i>             | <i>5/21/2014</i>             | <i>5/20/2014</i>             |
| <i>Parameters</i>                                  |                               |                              |                              |                              |
|  |                               |                              |                              |                              |
| <i>Semi-volatile Organic Compounds (Continued)</i> |                               |                              |                              |                              |
| Hexachlorobenzene                                  | µg/L                          | 0.10 U                       | 20.0                         | 20 U                         |
| Hexachlorobutadiene                                | µg/L                          | 0.02 U                       | 150                          | 97                           |
| Hexachloroethane                                   | µg/L                          | 0.02 U                       | 855                          | 349                          |
| <i>Herbicides</i>                                  |                               |                              |                              |                              |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                          | 1.0 U                        | 13                           | 3.7                          |
| Pentachlorophenol                                  | µg/L                          | 0.5 U                        | 440                          | 150                          |
| <i>General Chemistry</i>                           |                               |                              |                              |                              |
| Chloride   | mg/L                          | 18.2                         | 897                          | 650.                         |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L        | 411                          | 757                          | 459                          |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
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| <i>Sample Location:</i> | <i>MW19S2</i>                | <i>MW19S4</i>                | <i>MW20S1</i>                | <i>MW20S3</i>                |
|-------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| <i>Sample ID:</i>       | <i>WG-05212014-JR-MW19S2</i> | <i>WG-05212014-JR-MW19S4</i> | <i>WG-05072014-JR-MW20S1</i> | <i>WG-05072014-JR-MW20S3</i> |
| <i>Sample Date:</i>     | <i>5/21/2014</i>             | <i>5/21/2014</i>             | <i>5/7/2014</i>              | <i>5/7/2014</i>              |

| <i>Parameters</i>                      | <i>Units</i> |       |       |         |         |
|--|--------------|-------|-------|---------|---------|
| <b>Volatile Organic Compounds</b>      |              |       |       |         |         |
| 1,1,1-Trichloroethane                  | µg/L         | 50 U  | 1300  | 0.5 U   | 0.5 U   |
| 1,2-Dichloroethane                     | µg/L         | 50 U  | 500 U | 0.5 U   | 0.5 U   |
| 1,2-Dichloropropane                    | µg/L         | 50 U  | 500 U | 0.5 U   | 0.5 U   |
| Benzene                                | µg/L         | 90    | 500 U | 0.5 U   | 0.5 U   |
| Carbon tetrachloride                   | µg/L         | 2490  | 21000 | 0.5 U   | 60.6    |
| Chloroform (Trichloromethane)          | µg/L         | 5360  | 19300 | 0.5 U   | 1.8     |
| Chloromethane (Methyl chloride)        | µg/L         | 50 U  | 500 U | 0.5 U   | 0.5 U   |
| Methylene chloride                     | µg/L         | 150   | 500 U | 0.5 U   | 0.5 U   |
| Tetrachloroethene                      | µg/L         | 5430  | 7900  | 0.5 U   | 0.5 U   |
| Trichloroethene                        | µg/L         | 760   | 700   | 0.5 U   | 0.5 U   |
| Vinyl chloride                         | µg/L         | 50 U  | 500 U | 0.5 U   | 0.5 U   |
| <b>Semi-volatile Organic Compounds</b> |              |       |       |         |         |
| 2,3,4,5-Tetrachlorophenol              | µg/L         | 5.0 U | 5.0 U | 5.0 U   | 5.0 U   |
| 2,3,4,6-Tetrachlorophenol              | µg/L         | 9.8   | 5.9   | 5.0 U   | 5.0 U   |
| 2,4,5-Trichlorophenol                  | µg/L         | 5.0 U | 5.0 U | 5.0 U   | 5.0 U   |
| 2,4,6-Trichlorophenol                  | µg/L         | 521   | 6.1   | 5.0 U   | 5.0 U   |
| 2,4-Dichlorophenol                     | µg/L         | 369   | 5.0 U | 5.0 U   | 5.0 U   |
| 2,5-Dichlorophenol                     | µg/L         | 5.0 U | 5.0 U | 5.0 U   | 5.0 U   |
| 2,6-Dichlorophenol                     | µg/L         | 103   | 5.0 U | 5.0 U   | 5.0 U   |
| 2-Chlorophenol                         | µg/L         | 35.2  | 5.0 U | 5.0 U   | 5.0 U   |
| 3/4-Chlorophenol                       | µg/L         | 28.2  | 5.0 U | 5.0 U   | 5.0 U   |
| alpha-BHC                              | µg/L         | 3.3 U | 1.13  | 0.011 U | 0.011 U |
| beta-BHC                               | µg/L         | 22.8  | 5.43  | 0.037 U | 0.037 U |
| delta-BHC                              | µg/L         | 10 U  | 0.5 U | 0.05 U  | 0.05 U  |
| gamma-BHC (lindane)                    | µg/L         | 10 U  | 1.93  | 0.052 U | 0.052 U |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
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| <i>Sample Location:</i>                            | <i>MW19S2</i>                | <i>MW19S4</i>                | <i>MW20S1</i>                | <i>MW20S3</i>                |
|--|------------------------------|------------------------------|------------------------------|------------------------------|
| <i>Sample ID:</i>                                  | <i>WG-05212014-JR-MW19S2</i> | <i>WG-05212014-JR-MW19S4</i> | <i>WG-05072014-JR-MW20S1</i> | <i>WG-05072014-JR-MW20S3</i> |
| <i>Sample Date:</i>                                | <i>5/21/2014</i>             | <i>5/21/2014</i>             | <i>5/7/2014</i>              | <i>5/7/2014</i>              |
| <i>Parameters</i>                                  |                              |                              |                              |                              |
|  | <i>Units</i>                 |                              |                              |                              |
| <i>Semi-volatile Organic Compounds (Continued)</i> |                              |                              |                              |                              |
| Hexachlorobenzene                                  | µg/L                         | 607                          | 250 U                        | 0.10 U                       |
| Hexachlorobutadiene                                | µg/L                         | 308                          | 6430                         | 0.02 U                       |
| Hexachloroethane                                   | µg/L                         | 265                          | 1300                         | 0.02 U                       |
| <i>Herbicides</i>                                  |                              |                              |                              |                              |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                         | 1900                         | 2.0 U                        | 1.0 U                        |
| Pentachlorophenol                                  | µg/L                         | 12 J                         | 3.2                          | 0.5 U                        |
| <i>General Chemistry</i>                           |                              |                              |                              |                              |
| Chloride   | mg/L                         | 8830                         | 3140                         | 22.8                         |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L       | 4130                         | 1470                         | 241                          |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
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| <i>Sample Location:</i> | <i>MW21S1</i>                | <i>MW21S3</i>                | <i>MW22S1</i>                | <i>MW22S2</i>                | <i>MW22S2</i>             |
|-------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------------|
| <i>Sample ID:</i>       | <i>WG-05092014-AK-MW21S1</i> | <i>WG-05092014-AK-MW21S3</i> | <i>WG-05072014-AK-MW22S1</i> | <i>WG-05202014-JR-MW22S2</i> | <i>WG-05202014-JR-FD6</i> |
| <i>Sample Date:</i>     | <i>5/9/2014</i>              | <i>5/9/2014</i>              | <i>5/7/2014</i>              | <i>5/20/2014</i>             | <i>5/20/2014</i>          |

**Parameters****Units****Volatile Organic Compounds**

|                                 |      |       |       |       |      |      |
|---------------------------------|------|-------|-------|-------|------|------|
| 1,1,1-Trichloroethane           | µg/L | 0.5 U | 0.5 U | 0.5 U | 50 U | 50 U |
| 1,2-Dichloroethane              | µg/L | 0.5 U | 0.5 U | 0.5 U | 50 U | 50 U |
| 1,2-Dichloropropane             | µg/L | 0.5 U | 0.5 U | 0.5 U | 50 U | 50 U |
| Benzene                         | µg/L | 0.5 U | 0.5 U | 0.5 U | 50 U | 50 U |
| Carbon tetrachloride            | µg/L | 0.5 U | 8.8   | 17.4  | 3730 | 4220 |
| Chloroform (Trichloromethane)   | µg/L | 0.5 U | 0.6   | 3.4   | 110  | 130  |
| Chloromethane (Methyl chloride) | µg/L | 0.5 U | 0.5 U | 0.5 U | 50 U | 50 U |
| Methylene chloride              | µg/L | 0.5 U | 0.5 U | 0.5 U | 50 U | 50 U |
| Tetrachloroethene               | µg/L | 0.5 U | 0.5 U | 0.5 U | 50 U | 50 U |
| Trichloroethene                 | µg/L | 0.5 U | 0.5 U | 0.5 U | 50 U | 50 U |
| Vinyl chloride                  | µg/L | 0.5 U | 0.5 U | 0.5 U | 50 U | 50 U |

**Semi-volatile Organic Compounds**

|                           |      |         |         |         |         |         |
|---------------------------|------|---------|---------|---------|---------|---------|
| 2,3,4,5-Tetrachlorophenol | µg/L | 5.0 U   |
| 2,3,4,6-Tetrachlorophenol | µg/L | 5.0 U   |
| 2,4,5-Trichlorophenol     | µg/L | 5.0 U   |
| 2,4,6-Trichlorophenol     | µg/L | 5.0 U   |
| 2,4-Dichlorophenol        | µg/L | 5.0 U   |
| 2,5-Dichlorophenol        | µg/L | 5.0 U   |
| 2,6-Dichlorophenol        | µg/L | 5.0 U   |
| 2-Chlorophenol            | µg/L | 5.0 U   |
| 3/4-Chlorophenol          | µg/L | 5.0 U   |
| alpha-BHC                 | µg/L | 0.011 U | 0.011 U | 0.011 U | 0.026 U | 0.024 U |
| beta-BHC                  | µg/L | 0.037 U | 0.037 U | 0.037 U | 0.113   | 0.107   |
| delta-BHC                 | µg/L | 0.05 U  |
| gamma-BHC (lindane)       | µg/L | 0.052 U |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <i>Sample Location:</i>                            | <i>MW21S1</i>                | <i>MW21S3</i>                | <i>MW22S1</i>                | <i>MW22S2</i>                | <i>MW22S2</i>                          |
|--|------------------------------|------------------------------|------------------------------|------------------------------|--|
| <i>Sample ID:</i>                                  | <i>WG-05092014-AK-MW21S1</i> | <i>WG-05092014-AK-MW21S3</i> | <i>WG-05072014-AK-MW22S1</i> | <i>WG-05202014-JR-MW22S2</i> | <i>WG-05202014-JR-FD6</i>              |
| <i>Sample Date:</i>                                | <i>5/9/2014</i>              | <i>5/9/2014</i>              | <i>5/7/2014</i>              | <i>5/20/2014</i>             | <i>5/20/2014</i><br><i>(Duplicate)</i> |
| <i>Parameters</i>                                  |                              |                              |                              |                              |  |
|  |                              |                              |                              |                              |  |
| <i>Semi-volatile Organic Compounds (Continued)</i> |                              |                              |                              |                              |  |
| Hexachlorobenzene                                  | µg/L                         | 0.10 U                       | 0.10 U                       | 0.10 U                       | 0.10 U                                 |
| Hexachlorobutadiene                                | µg/L                         | 0.02 U                       | 0.02 U                       | 0.02 U                       | 0.02 U                                 |
| Hexachloroethane                                   | µg/L                         | 0.02 U                       | 0.02 U                       | 0.02 U                       | 1.05                                   |
|  |                              |                              |                              |                              | 0.98                                   |
| <i>Herbicides</i>                                  |                              |                              |                              |                              |  |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                         | 1.0 U                        | 1.0 U                        | 1.0 U                        | 1.0 U                                  |
| Pentachlorophenol                                  | µg/L                         | 0.5 U                        | 0.5 U                        | 0.5 U                        | 0.5 U                                  |
|  |                              |                              |                              |                              | 0.5 U                                  |
| <i>General Chemistry</i>                           |                              |                              |                              |                              |  |
| Chloride   | mg/L                         | 1400                         | 97                           | 146                          | 520                                    |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L       | 948                          | 290.                         | 317                          | 524                                    |
|  |                              |                              |                              |                              | 520.                                   |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <i>Sample Location:</i>                | <i>MW22S4</i>                | <i>MW24S1</i>                | <i>MW24S3</i>                | <i>MW24S4</i>                |
|--|------------------------------|------------------------------|------------------------------|------------------------------|
| <i>Sample ID:</i>                      | <i>WG-05072014-AK-MW22S4</i> | <i>WG-05132014-JR-MW24S1</i> | <i>WG-05132014-JR-MW24S3</i> | <i>WG-05142014-JR-MW24S4</i> |
| <i>Sample Date:</i>                    | <i>5/7/2014</i>              | <i>5/13/2014</i>             | <i>5/13/2014</i>             | <i>5/14/2014</i>             |
| <i>Parameters</i>                      |                              |                              |                              |                              |
|  |                              | <i>Units</i>                 |                              |                              |
| <i>Volatile Organic Compounds</i>      |                              |                              |                              |                              |
| 1,1,1-Trichloroethane                  | µg/L                         | 0.5 U                        | 5 U                          | 0.5 U                        |
| 1,2-Dichloroethane                     | µg/L                         | 0.5 U                        | 5 U                          | 0.5 U                        |
| 1,2-Dichloropropane                    | µg/L                         | 0.5 U                        | 5 U                          | 0.5 U                        |
| Benzene                                | µg/L                         | 0.5 U                        | 5 U                          | 0.5 U                        |
| Carbon tetrachloride                   | µg/L                         | 0.5 U                        | 54                           | 15.9                         |
| Chloroform (Trichloromethane)          | µg/L                         | 0.5 U                        | 99                           | 16.4                         |
| Chloromethane (Methyl chloride)        | µg/L                         | 0.5 U                        | 5 U                          | 0.5 U                        |
| Methylene chloride                     | µg/L                         | 0.5 U                        | 5 U                          | 0.5 U                        |
| Tetrachloroethene                      | µg/L                         | 0.5 U                        | 21                           | 4.3                          |
| Trichloroethene                        | µg/L                         | 0.5 U                        | 5 U                          | 0.5 U                        |
| Vinyl chloride                         | µg/L                         | 0.5 U                        | 5 U                          | 0.5 U                        |
| <i>Semi-volatile Organic Compounds</i> |                              |                              |                              |                              |
| 2,3,4,5-Tetrachlorophenol              | µg/L                         | 5.0 U                        | 5.0 U                        | 5.0 U                        |
| 2,3,4,6-Tetrachlorophenol              | µg/L                         | 5.0 U                        | 5.0 U                        | 5.0 U                        |
| 2,4,5-Trichlorophenol                  | µg/L                         | 5.0 U                        | 5.0 U                        | 5.0 U                        |
| 2,4,6-Trichlorophenol                  | µg/L                         | 5.0 U                        | 5.0 U                        | 5.0 U                        |
| 2,4-Dichlorophenol                     | µg/L                         | 5.0 U                        | 5.0 U                        | 5.0 U                        |
| 2,5-Dichlorophenol                     | µg/L                         | 5.0 U                        | 5.0 U                        | 5.0 U                        |
| 2,6-Dichlorophenol                     | µg/L                         | 5.0 U                        | 5.0 U                        | 5.0 U                        |
| 2-Chlorophenol                         | µg/L                         | 5.0 U                        | 5.0 U                        | 5.0 U                        |
| 3/4-Chlorophenol                       | µg/L                         | 5.0 U                        | 5.0 U                        | 5.0 U                        |
| alpha-BHC                              | µg/L                         | 0.011 U                      | 0.023 U                      | 0.011 U                      |
| beta-BHC                               | µg/L                         | 0.037 U                      | 0.037 U                      | 0.037 U                      |
| delta-BHC                              | µg/L                         | 0.05 U                       | 0.05 U                       | 0.05 U                       |
| gamma-BHC (lindane)                    | µg/L                         | 0.052 U                      | 0.052 U                      | 0.052 U                      |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
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| <i>Sample Location:</i>                            | <i>MW22S4</i>                | <i>MW24S1</i>                | <i>MW24S3</i>                | <i>MW24S4</i>                |
|--|------------------------------|------------------------------|------------------------------|------------------------------|
| <i>Sample ID:</i>                                  | <i>WG-05072014-AK-MW22S4</i> | <i>WG-05132014-JR-MW24S1</i> | <i>WG-05132014-JR-MW24S3</i> | <i>WG-05142014-JR-MW24S4</i> |
| <i>Sample Date:</i>                                | <i>5/7/2014</i>              | <i>5/13/2014</i>             | <i>5/13/2014</i>             | <i>5/14/2014</i>             |
| <i>Parameters</i>                                  |                              |                              |                              |                              |
|  |                              |                              |                              |                              |
| <i>Semi-volatile Organic Compounds (Continued)</i> |                              |                              |                              |                              |
| Hexachlorobenzene                                  | µg/L                         | 0.10 U                       | 0.10 U                       | 0.10 U                       |
| Hexachlorobutadiene                                | µg/L                         | 0.02 U                       | 0.10                         | 0.02 U                       |
| Hexachloroethane                                   | µg/L                         | 0.02 U                       | 0.22                         | 0.02 U                       |
| <i>Herbicides</i>                                  |                              |                              |                              |                              |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                         | 1.0 U                        | 1.0 U                        | 1.0 U                        |
| Pentachlorophenol                                  | µg/L                         | 0.5 U                        | 0.5 U                        | 0.5 U                        |
| <i>General Chemistry</i>                           |                              |                              |                              |                              |
| Chloride   | mg/L                         | 1.9                          | 36.1                         | 92                           |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L       | 24.7                         | 290.                         | 291                          |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

|                         |                              |                              |                              |                              |
|-------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| <b>Sample Location:</b> | <b>MW25S1</b>                | <b>MW26S1</b>                | <b>MW26S3</b>                | <b>MW27S1</b>                |
| <b>Sample ID:</b>       | <b>WG-05122014-AK-MW25S1</b> | <b>WG-05102014-AK-MW26S1</b> | <b>WG-05102014-AK-MW26S3</b> | <b>WG-06112014-JR-MW27S1</b> |
| <b>Sample Date:</b>     | <b>5/12/2014</b>             | <b>5/10/2014</b>             | <b>5/10/2014</b>             | <b>6/11/2014</b>             |

| <b>Parameters</b>                      | <b>Units</b> |         |         |         |       |
|--|--------------|---------|---------|---------|-------|
| <b>Volatile Organic Compounds</b>      |              |         |         |         |       |
| 1,1,1-Trichloroethane                  | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 2 U   |
| 1,2-Dichloroethane                     | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 2 U   |
| 1,2-Dichloropropane                    | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 2 U   |
| Benzene                                | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 2 U   |
| Carbon tetrachloride                   | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 2 U   |
| Chloroform (Trichloromethane)          | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 42.7  |
| Chloromethane (Methyl chloride)        | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 2 U   |
| Methylene chloride                     | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 9.1   |
| Tetrachloroethene                      | µg/L         | 0.5 U   | 4.4     | 0.5 U   | 173   |
| Trichloroethene                        | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 49.7  |
| Vinyl chloride                         | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 2 U   |
| <b>Semi-volatile Organic Compounds</b> |              |         |         |         |       |
| 2,3,4,5-Tetrachlorophenol              | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U |
| 2,3,4,6-Tetrachlorophenol              | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U |
| 2,4,5-Trichlorophenol                  | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U |
| 2,4,6-Trichlorophenol                  | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U |
| 2,4-Dichlorophenol                     | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U |
| 2,5-Dichlorophenol                     | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U |
| 2,6-Dichlorophenol                     | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U |
| 2-Chlorophenol                         | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U |
| 3/4-Chlorophenol                       | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U |
| alpha-BHC                              | µg/L         | 0.011 U | 0.011 U | 0.029   | 2.2 U |
| beta-BHC                               | µg/L         | 0.037 U | 0.037 U | 0.071   | 7.4 U |
| delta-BHC                              | µg/L         | 0.05 U  | 0.05 U  | 0.05 U  | 10 U  |
| gamma-BHC (lindane)                    | µg/L         | 0.052 U | 0.052 U | 0.052 U | 10 U  |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <i>Sample Location:</i>                            | <i>MW25S1</i>                | <i>MW26S1</i>                | <i>MW26S3</i>                | <i>MW27S1</i>                |
|--|------------------------------|------------------------------|------------------------------|------------------------------|
| <i>Sample ID:</i>                                  | <i>WG-05122014-AK-MW25S1</i> | <i>WG-05102014-AK-MW26S1</i> | <i>WG-05102014-AK-MW26S3</i> | <i>WG-06112014-JR-MW27S1</i> |
| <i>Sample Date:</i>                                | <i>5/12/2014</i>             | <i>5/10/2014</i>             | <i>5/10/2014</i>             | <i>6/11/2014</i>             |
| <b>Parameters</b>                                  |                              |                              |                              |                              |
|  | <b>Units</b>                 |                              |                              |                              |
| <b>Semi-volatile Organic Compounds (Continued)</b> |                              |                              |                              |                              |
| Hexachlorobenzene                                  | µg/L                         | 0.10 U                       | 0.10 U                       | 0.10 U                       |
| Hexachlorobutadiene                                | µg/L                         | 0.02 U                       | 0.02 U                       | 0.02 U                       |
| Hexachloroethane                                   | µg/L                         | 0.02 U                       | 0.02 U                       | 0.02 U                       |
| <b>Herbicides</b>                                  |                              |                              |                              |                              |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                         | 1.0 U                        | 1.0 U                        | 1.0 U                        |
| Pentachlorophenol                                  | µg/L                         | 0.5 U                        | 0.5 U                        | 0.5 U                        |
| <b>General Chemistry</b>                           |                              |                              |                              |                              |
| Chloride   | mg/L                         | 89                           | 111                          | 201                          |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L       | 352                          | 385                          | 607                          |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <i>Sample Location:</i> | <i>MW27S2</i>                | <i>MW28S1</i>                | <i>MW28S2</i>                | <i>MW28S3</i>                | <i>MW28S3</i>             |
|-------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------------|
| <i>Sample ID:</i>       | <i>WG-06112014-JR-MW27S2</i> | <i>WG-05092014-JR-MW28S1</i> | <i>WG-05092014-JR-MW28S2</i> | <i>WG-05092014-JR-MW28S3</i> | <i>WG-05092014-JR-FD3</i> |
| <i>Sample Date:</i>     | <i>6/11/2014</i>             | <i>5/9/2014</i>              | <i>5/9/2014</i>              | <i>5/9/2014</i>              | <i>5/9/2014</i>           |

**Parameters****Units****Volatile Organic Compounds**

|                                 |      |     |       |       |       |       |
|---------------------------------|------|-----|-------|-------|-------|-------|
| 1,1,1-Trichloroethane           | µg/L | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloroethane              | µg/L | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloropropane             | µg/L | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Benzene                         | µg/L | 5 U | 2.9   | 0.5 U | 0.5 U | 0.5 U |
| Carbon tetrachloride            | µg/L | 165 | 0.5 U | 0.5 U | 37.2  | 47.4  |
| Chloroform (Trichloromethane)   | µg/L | 39  | 0.5 U | 0.5 U | 2.2   | 2.6   |
| Chloromethane (Methyl chloride) | µg/L | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Methylene chloride              | µg/L | 8   | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Tetrachloroethene               | µg/L | 546 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichloroethene                 | µg/L | 45  | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Vinyl chloride                  | µg/L | 5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

**Semi-volatile Organic Compounds**

|                           |      |       |         |         |         |         |
|---------------------------|------|-------|---------|---------|---------|---------|
| 2,3,4,5-Tetrachlorophenol | µg/L | 5.0 U | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,3,4,6-Tetrachlorophenol | µg/L | 5.0 U | 5.0 U   | 5.0 UJ  | 5.0 U   | 5.0 U   |
| 2,4,5-Trichlorophenol     | µg/L | 5.0 U | 5.0 U   | 5.0 UJ  | 5.0 U   | 5.0 U   |
| 2,4,6-Trichlorophenol     | µg/L | 5.0 U | 5.0 U   | 5.0 UJ  | 5.0 U   | 5.0 U   |
| 2,4-Dichlorophenol        | µg/L | 5.0 U | 5.0 U   | 5.0 UJ  | 5.0 U   | 5.0 U   |
| 2,5-Dichlorophenol        | µg/L | 5.0 U | 5.0 U   | 5.0 UJ  | 5.0 U   | 5.0 U   |
| 2,6-Dichlorophenol        | µg/L | 5.0 U | 5.0 U   | 5.0 UJ  | 5.0 U   | 5.0 U   |
| 2-Chlorophenol            | µg/L | 5.0 U | 5.0 U   | 5.0 UJ  | 5.0 U   | 5.0 U   |
| 3/4-Chlorophenol          | µg/L | 5.0 U | 5.0 U   | 5.0 UJ  | 5.0 U   | 5.0 U   |
| alpha-BHC                 | µg/L | 4.4 U | 0.011 U | 0.028   | 0.011 U | 0.011 U |
| beta-BHC                  | µg/L | 15 U  | 0.037 U | 0.069   | 0.037 U | 0.037 U |
| delta-BHC                 | µg/L | 20 U  | 0.05 U  | 0.05 U  | 0.05 U  | 0.05 U  |
| gamma-BHC (lindane)       | µg/L | 21 U  | 0.052 U | 0.052 U | 0.052 U | 0.052 U |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <i>Sample Location:</i>                            | <i>MW27S2</i>                | <i>MW28S1</i>                | <i>MW28S2</i>                | <i>MW28S3</i>                | <i>MW28S3</i>             |
|--|------------------------------|------------------------------|------------------------------|------------------------------|---------------------------|
| <i>Sample ID:</i>                                  | <i>WG-06112014-JR-MW27S2</i> | <i>WG-05092014-JR-MW28S1</i> | <i>WG-05092014-JR-MW28S2</i> | <i>WG-05092014-JR-MW28S3</i> | <i>WG-05092014-JR-FD3</i> |
| <i>Sample Date:</i>                                | <i>6/11/2014</i>             | <i>5/9/2014</i>              | <i>5/9/2014</i>              | <i>5/9/2014</i>              | <i>5/9/2014</i>           |
| <i>(Duplicate)</i>                                 |                              |                              |                              |                              |                           |
| <i>Parameters</i>                                  | <i>Units</i>                 |                              |                              |                              |                           |
| <b>Semi-volatile Organic Compounds (Continued)</b> |                              |                              |                              |                              |                           |
| Hexachlorobenzene                                  | µg/L                         | 596                          | 0.10 U                       | 0.10 U                       | 0.10 U                    |
| Hexachlorobutadiene                                | µg/L                         | 2510                         | 0.02 U                       | 0.02 U                       | 0.02 U                    |
| Hexachloroethane                                   | µg/L                         | 1030                         | 0.02 U                       | 0.02 U                       | 0.02 U                    |
| <b>Herbicides</b>                                  |                              |                              |                              |                              |                           |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                         | 1.7                          | 1.0 U                        | 1.0 U                        | 1.0 U                     |
| Pentachlorophenol                                  | µg/L                         | 26                           | 0.5 U                        | 0.5 U                        | 0.5 U                     |
| <b>General Chemistry</b>                           |                              |                              |                              |                              |                           |
| Chloride   | mg/L                         | 244                          | 92                           | 360                          | 23.5                      |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L       | 335                          | 297                          | 300.                         | 113                       |
|  |                              |                              |                              |                              |                           |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

|                         |                              |                              |                              |                              |
|-------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| <b>Sample Location:</b> | <b>MW29S1</b>                | <b>MW29S2</b>                | <b>MW29S3</b>                | <b>MW30S1</b>                |
| <b>Sample ID:</b>       | <b>WG-05192014-JR-MW29S1</b> | <b>WG-05092014-JR-MW29S2</b> | <b>WG-05192014-JR-MW29S3</b> | <b>WG-05112014-JR-MW30S1</b> |
| <b>Sample Date:</b>     | <b>5/19/2014</b>             | <b>5/9/2014</b>              | <b>5/19/2014</b>             | <b>5/11/2014</b>             |

| <b>Parameters</b>                      |      | <b>Units</b> |         |         |         |
|--|------|--------------|---------|---------|---------|
| <b>Volatile Organic Compounds</b>      |      |              |         |         |         |
| 1,1,1-Trichloroethane                  | µg/L | 0.5 U        | 2 U     | 5 U     | 0.5 U   |
| 1,2-Dichloroethane                     | µg/L | 0.5 U        | 90.8    | 214     | 0.5 U   |
| 1,2-Dichloropropane                    | µg/L | 0.5 U        | 2 U     | 5 U     | 0.5 U   |
| Benzene                                | µg/L | 0.5 U        | 59.8    | 5       | 0.5 U   |
| Carbon tetrachloride                   | µg/L | 18.9         | 2 U     | 5 U     | 3.4     |
| Chloroform (Trichloromethane)          | µg/L | 8.3          | 2 U     | 5 U     | 4.5     |
| Chloromethane (Methyl chloride)        | µg/L | 0.5 U        | 2 U     | 5 U     | 0.5 U   |
| Methylene chloride                     | µg/L | 0.5 U        | 2 U     | 5 U     | 0.5 U   |
| Tetrachloroethene                      | µg/L | 0.8          | 11      | 63      | 0.7     |
| Trichloroethene                        | µg/L | 0.7          | 40.     | 105     | 0.5     |
| Vinyl chloride                         | µg/L | 0.5 U        | 2 U     | 5 U     | 0.5 U   |
| <b>Semi-volatile Organic Compounds</b> |      |              |         |         |         |
| 2,3,4,5-Tetrachlorophenol              | µg/L | 5.0 U        | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,3,4,6-Tetrachlorophenol              | µg/L | 5.0 U        | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4,5-Trichlorophenol                  | µg/L | 5.0 U        | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4,6-Trichlorophenol                  | µg/L | 5.0 U        | 11.1    | 6.6     | 5.0 U   |
| 2,4-Dichlorophenol                     | µg/L | 5.0 U        | 72.9    | 27.3    | 5.0 U   |
| 2,5-Dichlorophenol                     | µg/L | 5.0 U        | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,6-Dichlorophenol                     | µg/L | 5.0 U        | 20.9    | 5.0 U   | 5.0 U   |
| 2-Chlorophenol                         | µg/L | 5.0 U        | 5.0 U   | 5.0 U   | 5.0 U   |
| 3/4-Chlorophenol                       | µg/L | 5.0 U        | 7.8     | 5.0 U   | 5.0 U   |
| alpha-BHC                              | µg/L | 0.023 U      | 0.371   | 0.063   | 0.014 U |
| beta-BHC                               | µg/L | 0.243        | 1.91    | 1.28 J  | 0.128   |
| delta-BHC                              | µg/L | 0.05 U       | 0.05 U  | 0.05 U  | 0.05 U  |
| gamma-BHC (lindane)                    | µg/L | 0.052 U      | 0.052 U | 0.052 U | 0.052 U |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <i>Sample Location:</i>                            | <i>MW29S1</i>                | <i>MW29S2</i>                | <i>MW29S3</i>                | <i>MW30S1</i>                |
|--|------------------------------|------------------------------|------------------------------|------------------------------|
| <i>Sample ID:</i>                                  | <i>WG-05192014-JR-MW29S1</i> | <i>WG-05092014-JR-MW29S2</i> | <i>WG-05192014-JR-MW29S3</i> | <i>WG-05112014-JR-MW30S1</i> |
| <i>Sample Date:</i>                                | <i>5/19/2014</i>             | <i>5/9/2014</i>              | <i>5/19/2014</i>             | <i>5/11/2014</i>             |
| <i>Parameters</i>                                  |                              |                              |                              |                              |
|  | <i>Units</i>                 |                              |                              |                              |
| <i>Semi-volatile Organic Compounds (Continued)</i> |                              |                              |                              |                              |
| Hexachlorobenzene                                  | µg/L                         | 0.10 U                       | 0.10 U                       | 0.10 U                       |
| Hexachlorobutadiene                                | µg/L                         | 0.02 U                       | 0.02 U                       | 0.02 U                       |
| Hexachloroethane                                   | µg/L                         | 0.02 U                       | 0.02 U                       | 0.02 U                       |
| <i>Herbicides</i>                                  |                              |                              |                              |                              |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                         | 1.0 U                        | 1.0 U                        | 1.2 J                        |
| Pentachlorophenol                                  | µg/L                         | 0.5 U                        | 0.5 U                        | 7.8                          |
| <i>General Chemistry</i>                           |                              |                              |                              |                              |
| Chloride   | mg/L                         | 1320                         | 4300                         | 1510                         |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L       | 738                          | 1830                         | 562                          |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
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| <i>Sample Location:</i> | <i>MW30S3</i>                | <i>MW31S1</i>                | <i>MW32S1</i>                | <i>MW113S3</i>                |
|-------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|
| <i>Sample ID:</i>       | <i>WG-05112014-JR-MW30S3</i> | <i>WG-05082014-JR-MW31S1</i> | <i>WG-05082014-JR-MW32S1</i> | <i>WG-05122014-JR-MW113S3</i> |
| <i>Sample Date:</i>     | <i>5/11/2014</i>             | <i>5/8/2014</i>              | <i>5/8/2014</i>              | <i>5/12/2014</i>              |

| <i>Parameters</i>                      | <i>Units</i> | <i>MW30S3</i> | <i>MW31S1</i> | <i>MW32S1</i> | <i>MW113S3</i> |
|--|--------------|---------------|---------------|---------------|----------------|
| <b>Volatile Organic Compounds</b>      |              |               |               |               |                |
| 1,1,1-Trichloroethane                  | µg/L         | 200 U         | 2 U           | 0.5 U         | 1000 U         |
| 1,2-Dichloroethane                     | µg/L         | 200 U         | 2 U           | 0.5 U         | 1000 U         |
| 1,2-Dichloropropane                    | µg/L         | 200 U         | 2 U           | 0.5 U         | 1000           |
| Benzene                                | µg/L         | 200 U         | 2 U           | 0.5 U         | 1000 U         |
| Carbon tetrachloride                   | µg/L         | 12700         | 175           | 4.1           | 52400          |
| Chloroform (Trichloromethane)          | µg/L         | 200 U         | 9.6           | 16.9          | 45500          |
| Chloromethane (Methyl chloride)        | µg/L         | 200 U         | 2 U           | 0.5 U         | 1000 U         |
| Methylene chloride                     | µg/L         | 200 U         | 2 U           | 0.5 U         | 1000 U         |
| Tetrachloroethene                      | µg/L         | 200 U         | 2 U           | 5.7           | 11000          |
| Trichloroethene                        | µg/L         | 200 U         | 2 U           | 5.8           | 1000 U         |
| Vinyl chloride                         | µg/L         | 200 U         | 2 U           | 0.5 U         | 1000 U         |
| <b>Semi-volatile Organic Compounds</b> |              |               |               |               |                |
| 2,3,4,5-Tetrachlorophenol              | µg/L         | 5.0 U         | 5.0 U         | 5.0 U         | 5.0 U          |
| 2,3,4,6-Tetrachlorophenol              | µg/L         | 5.0 U         | 5.0 U         | 5.0 U         | 9.7            |
| 2,4,5-Trichlorophenol                  | µg/L         | 5.0 U         | 5.0 U         | 5.0 U         | 5.0 U          |
| 2,4,6-Trichlorophenol                  | µg/L         | 5.0 U         | 5.0 U         | 5.0 U         | 19.9           |
| 2,4-Dichlorophenol                     | µg/L         | 7.4           | 5.0 U         | 5.0 U         | 5.6            |
| 2,5-Dichlorophenol                     | µg/L         | 5.0 U         | 5.0 U         | 5.0 U         | 5.0 U          |
| 2,6-Dichlorophenol                     | µg/L         | 5.0 U         | 5.0 U         | 5.0 U         | 5.0 U          |
| 2-Chlorophenol                         | µg/L         | 5.0 U         | 5.0 U         | 5.0 U         | 5.0 U          |
| 3/4-Chlorophenol                       | µg/L         | 5.0 U         | 5.0 U         | 5.0 U         | 5.0 U          |
| alpha-BHC                              | µg/L         | 0.127         | 0.039 U       | 0.036 U       | 0.104 J        |
| beta-BHC                               | µg/L         | 0.325         | 0.260         | 0.632         | 5.64 J         |
| delta-BHC                              | µg/L         | 0.05 U        | 0.05 U        | 0.06          | 0.05 U         |
| gamma-BHC (lindane)                    | µg/L         | 0.066         | 0.052 U       | 0.052 U       | 0.052 U        |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <i>Sample Location:</i>                            | <i>MW30S3</i>                | <i>MW31S1</i>                | <i>MW32S1</i>                | <i>MW113S3</i>                |
|--|------------------------------|------------------------------|------------------------------|-------------------------------|
| <i>Sample ID:</i>                                  | <i>WG-05112014-JR-MW30S3</i> | <i>WG-05082014-JR-MW31S1</i> | <i>WG-05082014-JR-MW32S1</i> | <i>WG-05122014-JR-MW113S3</i> |
| <i>Sample Date:</i>                                | <i>5/11/2014</i>             | <i>5/8/2014</i>              | <i>5/8/2014</i>              | <i>5/12/2014</i>              |
| <i>Parameters</i>                                  |                              |                              |                              |                               |
|  |                              |                              |                              |                               |
| <i>Semi-volatile Organic Compounds (Continued)</i> |                              |                              |                              |                               |
| Hexachlorobenzene                                  | µg/L                         | 0.10 U                       | 0.10 U                       | 0.10 U                        |
| Hexachlorobutadiene                                | µg/L                         | 0.03                         | 0.02 U                       | 0.02 U                        |
| Hexachloroethane                                   | µg/L                         | 4.20                         | 0.02 U                       | 0.02 U                        |
| <i>Herbicides</i>                                  |                              |                              |                              |                               |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                         | 1.0 U                        | 1.0 U                        | 1.0 U                         |
| Pentachlorophenol                                  | µg/L                         | 0.5 U                        | 0.5 U                        | 0.5 U                         |
| <i>General Chemistry</i>                           |                              |                              |                              |                               |
| Chloride   | mg/L                         | 660                          | 249                          | 1090                          |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L       | 670.                         | 324                          | 1060                          |
|  |                              |                              |                              |                               |

**TABLE 2**

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

|                         |                               |                               |                               |                               |
|-------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| <b>Sample Location:</b> | <b>MW114S1</b>                | <b>MW131S2</b>                | <b>MW131S3</b>                | <b>MW132S1</b>                |
| <b>Sample ID:</b>       | <b>WG-05122014-JR-MW114S1</b> | <b>WG-05062014-JR-MW131S2</b> | <b>WG-05062014-JR-MW131S3</b> | <b>WG-05082014-JR-MW132S1</b> |
| <b>Sample Date:</b>     | <b>5/12/2014</b>              | <b>5/6/2014</b>               | <b>5/6/2014</b>               | <b>5/8/2014</b>               |

| <b>Parameters</b>                      | <b>Units</b> |         |         |         |         |
|--|--------------|---------|---------|---------|---------|
| <b>Volatile Organic Compounds</b>      |              |         |         |         |         |
| 1,1,1-Trichloroethane                  | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| 1,2-Dichloroethane                     | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| 1,2-Dichloropropane                    | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Benzene                                | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Carbon tetrachloride                   | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Chloroform (Trichloromethane)          | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Chloromethane (Methyl chloride)        | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Methylene chloride                     | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Tetrachloroethene                      | µg/L         | 3.8     | 0.5 U   | 0.5 U   | 0.5 U   |
| Trichloroethene                        | µg/L         | 1.4     | 0.5 U   | 0.5 U   | 0.5 U   |
| Vinyl chloride                         | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| <b>Semi-volatile Organic Compounds</b> |              |         |         |         |         |
| 2,3,4,5-Tetrachlorophenol              | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,3,4,6-Tetrachlorophenol              | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4,5-Trichlorophenol                  | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4,6-Trichlorophenol                  | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4-Dichlorophenol                     | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,5-Dichlorophenol                     | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,6-Dichlorophenol                     | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2-Chlorophenol                         | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 3/4-Chlorophenol                       | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| alpha-BHC                              | µg/L         | 0.030 U | 0.011 U | 0.011 U | 0.011 U |
| beta-BHC                               | µg/L         | 0.449   | 0.037 U | 0.176   | 0.037 U |
| delta-BHC                              | µg/L         | 0.05 U  | 0.05 U  | 0.05 U  | 0.05 U  |
| gamma-BHC (lindane)                    | µg/L         | 0.052 U | 0.052 U | 0.052 U | 0.052 U |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <i>Sample Location:</i>                            | <i>MW114S1</i>                | <i>MW131S2</i>                | <i>MW131S3</i>                | <i>MW132S1</i>                |
|--|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| <i>Sample ID:</i>                                  | <i>WG-05122014-JR-MW114S1</i> | <i>WG-05062014-JR-MW131S2</i> | <i>WG-05062014-JR-MW131S3</i> | <i>WG-05082014-JR-MW132S1</i> |
| <i>Sample Date:</i>                                | <i>5/12/2014</i>              | <i>5/6/2014</i>               | <i>5/6/2014</i>               | <i>5/8/2014</i>               |
| <b>Parameters</b>                                  |                               |                               |                               |                               |
|  | <b>Units</b>                  |                               |                               |                               |
| <b>Semi-volatile Organic Compounds (Continued)</b> |                               |                               |                               |                               |
| Hexachlorobenzene                                  | μg/L                          | 0.10 U                        | 0.10 U                        | 0.10 U                        |
| Hexachlorobutadiene                                | μg/L                          | 0.02 U                        | 0.02 U                        | 0.02 U                        |
| Hexachloroethane                                   | μg/L                          | 0.02 U                        | 0.02 U                        | 0.02 U                        |
| <b>Herbicides</b>                                  |                               |                               |                               |                               |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | μg/L                          | 1.0 U                         | 1.0 U                         | 1.0 U                         |
| Pentachlorophenol                                  | μg/L                          | 0.5 U                         | 0.5 U                         | 0.5 U                         |
| <b>General Chemistry</b>                           |                               |                               |                               |                               |
| Chloride   | mg/L                          | 1140                          | 61                            | 78                            |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L        | 793                           | 251                           | 211                           |
|  |                               |                               |                               | 53                            |
|  |                               |                               |                               | 264                           |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

|                         |                                 |                                 |                                  |                               |
|-------------------------|---------------------------------|---------------------------------|----------------------------------|-------------------------------|
| <b>Sample Location:</b> | <b>MW132S2/S3</b>               | <b>MW133S2/S3</b>               | <b>MW136S2/S3</b>                | <b>MW137S1</b>                |
| <b>Sample ID:</b>       | <b>WG-05082014-JR-MW132S2S3</b> | <b>WG-05072014-JR-MW133S2S3</b> | <b>WG-05192014-AK-MW136S2/S3</b> | <b>WG-05132014-AK-MW137S1</b> |
| <b>Sample Date:</b>     | <b>5/8/2014</b>                 | <b>5/7/2014</b>                 | <b>5/19/2014</b>                 | <b>5/13/2014</b>              |

| <b>Parameters</b>                      | <b>Units</b> |         |         |         |         |
|--|--------------|---------|---------|---------|---------|
| <b>Volatile Organic Compounds</b>      |              |         |         |         |         |
| 1,1,1-Trichloroethane                  | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| 1,2-Dichloroethane                     | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| 1,2-Dichloropropane                    | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Benzene                                | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Carbon tetrachloride                   | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Chloroform (Trichloromethane)          | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Chloromethane (Methyl chloride)        | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Methylene chloride                     | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Tetrachloroethene                      | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Trichloroethene                        | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Vinyl chloride                         | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| <b>Semi-volatile Organic Compounds</b> |              |         |         |         |         |
| 2,3,4,5-Tetrachlorophenol              | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,3,4,6-Tetrachlorophenol              | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4,5-Trichlorophenol                  | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4,6-Trichlorophenol                  | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4-Dichlorophenol                     | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,5-Dichlorophenol                     | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,6-Dichlorophenol                     | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2-Chlorophenol                         | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 3/4-Chlorophenol                       | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| alpha-BHC                              | µg/L         | 0.011 U | 0.011 U | 0.011 U | 0.011 U |
| beta-BHC                               | µg/L         | 0.037 U | 0.037 U | 0.037 U | 0.037 U |
| delta-BHC                              | µg/L         | 0.05 U  | 0.05 U  | 0.05 U  | 0.05 U  |
| gamma-BHC (lindane)                    | µg/L         | 0.052 U | 0.052 U | 0.052 U | 0.052 U |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

|                         |                                 |                                 |                                  |                               |
|-------------------------|---------------------------------|---------------------------------|----------------------------------|-------------------------------|
| <b>Sample Location:</b> | <b>MW132S2/S3</b>               | <b>MW133S2/S3</b>               | <b>MW136S2/S3</b>                | <b>MW137S1</b>                |
| <b>Sample ID:</b>       | <b>WG-05082014-JR-MW132S2S3</b> | <b>WG-05072014-JR-MW133S2S3</b> | <b>WG-05192014-AK-MW136S2/S3</b> | <b>WG-05132014-AK-MW137S1</b> |
| <b>Sample Date:</b>     | <b>5/8/2014</b>                 | <b>5/7/2014</b>                 | <b>5/19/2014</b>                 | <b>5/13/2014</b>              |

| <b>Parameters</b>                                  | <b>Units</b>           |        |        |        |        |
|--|------------------------|--------|--------|--------|--------|
| <b>Semi-volatile Organic Compounds (Continued)</b> |                        |        |        |        |        |
| Hexachlorobenzene                                  | µg/L                   | 0.10 U | 0.10 U | 0.10 U | 0.10 U |
| Hexachlorobutadiene                                | µg/L                   | 0.02 U | 0.02 U | 0.02 U | 0.02 U |
| Hexachloroethane                                   | µg/L                   | 0.02 U | 0.02 U | 0.02 U | 0.02 U |
| <b>Herbicides</b>                                  |                        |        |        |        |        |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                   | 1.0 U  | 1.0 U  | 1.0 U  | 1.0 U  |
| Pentachlorophenol                                  | µg/L                   | 0.5 U  | 0.5 U  | 0.5 U  | 0.5 U  |
| <b>General Chemistry</b>                           |                        |        |        |        |        |
| Chloride   | mg/L                   | 10.5   | 34.9   | 103    | 11.6   |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L | 212    | 226    | 253    | 179    |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <i>Sample Location:</i>                | <i>MW137S2</i>                | <i>MW137S3</i>                | <i>MW138S1</i>                | <i>MW138S2/S3</i>               |
|--|-------------------------------|-------------------------------|-------------------------------|---------------------------------|
| <i>Sample ID:</i>                      | <i>WG-05142014-AK-MW137S2</i> | <i>WG-05132014-AK-MW137S3</i> | <i>WG-05122014-JR-MW138S1</i> | <i>WG-05122014-JR-MW138S2S3</i> |
| <i>Sample Date:</i>                    | <i>5/14/2014</i>              | <i>5/13/2014</i>              | <i>5/12/2014</i>              | <i>5/12/2014</i>                |
| <i>Parameters</i>                      |                               |                               |                               |                                 |
|  |                               |                               |                               |                                 |
| <b>Volatile Organic Compounds</b>      |                               |                               |                               |                                 |
| 1,1,1-Trichloroethane                  | µg/L                          | 0.5 U                         | 0.5 U                         | 0.5 U                           |
| 1,2-Dichloroethane                     | µg/L                          | 0.5 U                         | 0.5 U                         | 0.5 U                           |
| 1,2-Dichloropropane                    | µg/L                          | 0.5 U                         | 0.5 U                         | 0.5 U                           |
| Benzene                                | µg/L                          | 0.5 U                         | 0.5 U                         | 0.5 U                           |
| Carbon tetrachloride                   | µg/L                          | 0.5 U                         | 0.6                           | 2.0                             |
| Chloroform (Trichloromethane)          | µg/L                          | 0.5 U                         | 0.5 U                         | 0.5 U                           |
| Chloromethane (Methyl chloride)        | µg/L                          | 0.5 U                         | 0.5 U                         | 0.5 U                           |
| Methylene chloride                     | µg/L                          | 0.5 U                         | 0.5 U                         | 0.5 U                           |
| Tetrachloroethene                      | µg/L                          | 0.5 U                         | 0.5 U                         | 0.5 U                           |
| Trichloroethene                        | µg/L                          | 0.5 U                         | 0.5 U                         | 0.5 U                           |
| Vinyl chloride                         | µg/L                          | 0.5 U                         | 0.5 U                         | 0.5 U                           |
| <b>Semi-volatile Organic Compounds</b> |                               |                               |                               |                                 |
| 2,3,4,5-Tetrachlorophenol              | µg/L                          | 5.0 U                         | 5.0 U                         | 5.0 U                           |
| 2,3,4,6-Tetrachlorophenol              | µg/L                          | 5.0 U                         | 5.0 U                         | 5.0 U                           |
| 2,4,5-Trichlorophenol                  | µg/L                          | 5.0 U                         | 5.0 U                         | 5.0 U                           |
| 2,4,6-Trichlorophenol                  | µg/L                          | 5.0 U                         | 5.0 U                         | 5.0 U                           |
| 2,4-Dichlorophenol                     | µg/L                          | 5.0 U                         | 5.0 U                         | 5.0 U                           |
| 2,5-Dichlorophenol                     | µg/L                          | 5.0 U                         | 5.0 U                         | 5.0 U                           |
| 2,6-Dichlorophenol                     | µg/L                          | 5.0 U                         | 5.0 U                         | 5.0 U                           |
| 2-Chlorophenol                         | µg/L                          | 5.0 U                         | 5.0 U                         | 5.0 U                           |
| 3/4-Chlorophenol                       | µg/L                          | 5.0 U                         | 5.0 U                         | 5.0 U                           |
| alpha-BHC                              | µg/L                          | 0.011 U                       | 0.011 U                       | 0.011 U                         |
| beta-BHC                               | µg/L                          | 0.037 U                       | 0.037 U                       | 0.037 U                         |
| delta-BHC                              | µg/L                          | 0.05 U                        | 0.05 U                        | 0.05 U                          |
| gamma-BHC (lindane)                    | µg/L                          | 0.052 U                       | 0.052 U                       | 0.052 U                         |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <i>Sample Location:</i>                            | <i>MW137S2</i>                | <i>MW137S3</i>                | <i>MW138S1</i>                | <i>MW138S2/S3</i>               |
|--|-------------------------------|-------------------------------|-------------------------------|---------------------------------|
| <i>Sample ID:</i>                                  | <i>WG-05142014-AK-MW137S2</i> | <i>WG-05132014-AK-MW137S3</i> | <i>WG-05122014-JR-MW138S1</i> | <i>WG-05122014-JR-MW138S2S3</i> |
| <i>Sample Date:</i>                                | <i>5/14/2014</i>              | <i>5/13/2014</i>              | <i>5/12/2014</i>              | <i>5/12/2014</i>                |
| <i>Parameters</i>                                  |                               |                               |                               |                                 |
|  |                               |                               |                               |                                 |
| <i>Semi-volatile Organic Compounds (Continued)</i> |                               |                               |                               |                                 |
| Hexachlorobenzene                                  | µg/L                          | 0.10 U                        | 0.10 U                        | 0.10 U                          |
| Hexachlorobutadiene                                | µg/L                          | 0.02 U                        | 0.02 U                        | 0.02 U                          |
| Hexachloroethane                                   | µg/L                          | 0.02 U                        | 0.02 U                        | 0.02 U                          |
| <i>Herbicides</i>                                  |                               |                               |                               |                                 |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                          | 1.0 U                         | 1.0 U                         | 1.0 U                           |
| Pentachlorophenol                                  | µg/L                          | 0.5 U                         | 0.5 U                         | 0.5 U                           |
| <i>General Chemistry</i>                           |                               |                               |                               |                                 |
| Chloride   | mg/L                          | 22.5                          | 68                            | 33.0                            |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L        | 250.                          | 295                           | 246                             |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <i>Sample Location:</i>                | <i>MW139S2/S3</i>                | <i>MW140S1</i>                | <i>MW140S2/S3</i>                | <i>MW141S2/S3</i>                |
|--|----------------------------------|-------------------------------|----------------------------------|----------------------------------|
| <i>Sample ID:</i>                      | <i>WG-05092014-AK-MW139S2/S3</i> | <i>WG-05082014-AK-MW140S1</i> | <i>WG-05192014-JR-MW140S2/S3</i> | <i>WG-05072014-AK-MW141S2/S3</i> |
| <i>Sample Date:</i>                    | <i>5/9/2014</i>                  | <i>5/8/2014</i>               | <i>5/19/2014</i>                 | <i>5/7/2014</i>                  |
| <b>Parameters</b>                      |                                  |                               |                                  |                                  |
|  | <b>Units</b>                     |                               |                                  |                                  |
| <b>Volatile Organic Compounds</b>      |                                  |                               |                                  |                                  |
| 1,1,1-Trichloroethane                  | µg/L                             | 0.5 U                         | 0.5 U                            | 20 U                             |
| 1,2-Dichloroethane                     | µg/L                             | 0.5 U                         | 0.5 U                            | 20 U                             |
| 1,2-Dichloropropane                    | µg/L                             | 0.5 U                         | 0.5 U                            | 20 U                             |
| Benzene                                | µg/L                             | 0.5 U                         | 0.5 U                            | 20 U                             |
| Carbon tetrachloride                   | µg/L                             | 0.5 U                         | 0.5 U                            | 1660                             |
| Chloroform (Trichloromethane)          | µg/L                             | 0.5 U                         | 0.5 U                            | 41                               |
| Chloromethane (Methyl chloride)        | µg/L                             | 0.5 U                         | 0.5 U                            | 20 U                             |
| Methylene chloride                     | µg/L                             | 0.5 U                         | 0.5 U                            | 20 U                             |
| Tetrachloroethene                      | µg/L                             | 0.5 U                         | 0.5 U                            | 20 U                             |
| Trichloroethene                        | µg/L                             | 0.5 U                         | 0.5 U                            | 20 U                             |
| Vinyl chloride                         | µg/L                             | 0.5 U                         | 0.5 U                            | 20 U                             |
| <b>Semi-volatile Organic Compounds</b> |                                  |                               |                                  |                                  |
| 2,3,4,5-Tetrachlorophenol              | µg/L                             | 5.0 U                         | 5.0 U                            | 5.0 U                            |
| 2,3,4,6-Tetrachlorophenol              | µg/L                             | 5.0 U                         | 5.0 U                            | 5.0 U                            |
| 2,4,5-Trichlorophenol                  | µg/L                             | 5.0 U                         | 5.0 U                            | 5.0 U                            |
| 2,4,6-Trichlorophenol                  | µg/L                             | 5.0 U                         | 5.0 U                            | 5.0 U                            |
| 2,4-Dichlorophenol                     | µg/L                             | 5.0 U                         | 5.0 U                            | 5.0 U                            |
| 2,5-Dichlorophenol                     | µg/L                             | 5.0 U                         | 5.0 U                            | 5.0 U                            |
| 2,6-Dichlorophenol                     | µg/L                             | 5.0 U                         | 5.0 U                            | 5.0 U                            |
| 2-Chlorophenol                         | µg/L                             | 5.0 U                         | 5.0 U                            | 5.0 U                            |
| 3/4-Chlorophenol                       | µg/L                             | 5.0 U                         | 5.0 U                            | 5.0 U                            |
| alpha-BHC                              | µg/L                             | 0.011 U                       | 0.011 U                          | 0.011 U                          |
| beta-BHC                               | µg/L                             | 0.037 U                       | 0.037 U                          | 0.037 U                          |
| delta-BHC                              | µg/L                             | 0.05 U                        | 0.05 U                           | 0.05 U                           |
| gamma-BHC (lindane)                    | µg/L                             | 0.052 U                       | 0.052 U                          | 0.052 U                          |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <i>Sample Location:</i>                            | <i>MW139S2/S3</i>                | <i>MW140S1</i>                | <i>MW140S2/S3</i>                | <i>MW141S2/S3</i>                |
|--|----------------------------------|-------------------------------|----------------------------------|----------------------------------|
| <i>Sample ID:</i>                                  | <i>WG-05092014-AK-MW139S2/S3</i> | <i>WG-05082014-AK-MW140S1</i> | <i>WG-05192014-JR-MW140S2/S3</i> | <i>WG-05072014-AK-MW141S2/S3</i> |
| <i>Sample Date:</i>                                | <i>5/9/2014</i>                  | <i>5/8/2014</i>               | <i>5/19/2014</i>                 | <i>5/7/2014</i>                  |
| <b>Parameters</b>                                  |                                  |                               |                                  |                                  |
|  | <b>Units</b>                     |                               |                                  |                                  |
| <b>Semi-volatile Organic Compounds (Continued)</b> |                                  |                               |                                  |                                  |
| Hexachlorobenzene                                  | µg/L                             | 0.10 U                        | 0.10 U                           | 0.10 U                           |
| Hexachlorobutadiene                                | µg/L                             | 0.02 U                        | 0.02 U                           | 0.02 U                           |
| Hexachloroethane                                   | µg/L                             | 0.02 U                        | 0.02 U                           | 0.15                             |
| <b>Herbicides</b>                                  |                                  |                               |                                  |                                  |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                             | 1.0 U                         | 1.0 U                            | 1.0 U                            |
| Pentachlorophenol                                  | µg/L                             | 0.5 U                         | 0.5 U                            | 0.5 U                            |
| <b>General Chemistry</b>                           |                                  |                               |                                  |                                  |
| Chloride   | mg/L                             | 238                           | 16.8                             | 490                              |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L           | 522                           | 250.                             | 693                              |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

|                         |                                  |                                 |                                 |                                 |
|-------------------------|----------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Sample Location:</b> | <b>MW142S2/S3</b>                | <b>MW143S2/S3</b>               | <b>MW144S2/S3</b>               | <b>MW145S2/S3</b>               |
| <b>Sample ID:</b>       | <b>WG-05092014-AK-MW142S2/S3</b> | <b>WG-05092014-JR-MW143S2S3</b> | <b>WG-05072014-JR-MW144S2S3</b> | <b>WG-05072014-JR-MW145S2S3</b> |
| <b>Sample Date:</b>     | <b>5/9/2014</b>                  | <b>5/9/2014</b>                 | <b>5/7/2014</b>                 | <b>5/7/2014</b>                 |

| <b>Parameters</b>                      | <b>Units</b> |         |         |         |         |
|--|--------------|---------|---------|---------|---------|
| <b>Volatile Organic Compounds</b>      |              |         |         |         |         |
| 1,1,1-Trichloroethane                  | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| 1,2-Dichloroethane                     | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| 1,2-Dichloropropane                    | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Benzene                                | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Carbon tetrachloride                   | µg/L         | 0.5 U   | 17.2    | 0.5 U   | 0.5 U   |
| Chloroform (Trichloromethane)          | µg/L         | 0.5 U   | 3.7     | 0.5 U   | 0.5 U   |
| Chloromethane (Methyl chloride)        | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Methylene chloride                     | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Tetrachloroethene                      | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Trichloroethene                        | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| Vinyl chloride                         | µg/L         | 0.5 U   | 0.5 U   | 0.5 U   | 0.5 U   |
| <b>Semi-volatile Organic Compounds</b> |              |         |         |         |         |
| 2,3,4,5-Tetrachlorophenol              | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,3,4,6-Tetrachlorophenol              | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4,5-Trichlorophenol                  | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4,6-Trichlorophenol                  | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,4-Dichlorophenol                     | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,5-Dichlorophenol                     | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2,6-Dichlorophenol                     | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 2-Chlorophenol                         | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| 3/4-Chlorophenol                       | µg/L         | 5.0 U   | 5.0 U   | 5.0 U   | 5.0 U   |
| alpha-BHC                              | µg/L         | 0.011 U | 0.015   | 0.011 U | 0.016 U |
| beta-BHC                               | µg/L         | 0.037 U | 0.115   | 0.037 U | 0.669   |
| delta-BHC                              | µg/L         | 0.05 U  | 0.05 U  | 0.05 U  | 0.05 U  |
| gamma-BHC (lindane)                    | µg/L         | 0.052 U | 0.052 U | 0.052 U | 0.052 U |

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <i>Sample Location:</i>                            | <i>MW142S2/S3</i>                | <i>MW143S2/S3</i>               | <i>MW144S2/S3</i>               | <i>MW145S2/S3</i>               |
|--|----------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <i>Sample ID:</i>                                  | <i>WG-05092014-AK-MW142S2/S3</i> | <i>WG-05092014-JR-MW143S2S3</i> | <i>WG-05072014-JR-MW144S2S3</i> | <i>WG-05072014-JR-MW145S2S3</i> |
| <i>Sample Date:</i>                                | <i>5/9/2014</i>                  | <i>5/9/2014</i>                 | <i>5/7/2014</i>                 | <i>5/7/2014</i>                 |
| <b>Parameters</b>                                  |                                  |                                 |                                 |                                 |
|  | <b>Units</b>                     |                                 |                                 |                                 |
| <b>Semi-volatile Organic Compounds (Continued)</b> |                                  |                                 |                                 |                                 |
| Hexachlorobenzene                                  | µg/L                             | 0.10 U                          | 0.10 U                          | 0.10 U                          |
| Hexachlorobutadiene                                | µg/L                             | 0.02 U                          | 0.02 U                          | 0.02 U                          |
| Hexachloroethane                                   | µg/L                             | 0.02 U                          | 0.02 U                          | 0.02 U                          |
| <b>Herbicides</b>                                  |                                  |                                 |                                 |                                 |
| 2,4-Dichlorophenoxyacetic acid (2,4-D)             | µg/L                             | 1.0 U                           | 1.0 U                           | 1.0 U                           |
| Pentachlorophenol                                  | µg/L                             | 0.5 U                           | 0.5 U                           | 0.5 U                           |
| <b>General Chemistry</b>                           |                                  |                                 |                                 |                                 |
| Chloride   | mg/L                             | 20.7                            | 310.                            | 33.2                            |
| Hardness, calculation                              | mgCaCO <sub>3</sub> /L           | 211                             | 612                             | 233                             |
|  |                                  |                                 |                                 |                                 |
|  |                                  |                                 |                                 |                                 |

Notes:

J - Estimated Concentration

U - Not detected at the associated reporting limit.

UJ - Not detected; associated reporting limit is estimated.

**TABLE 3**

**SUMMARY OF ANALYTICAL METHODS  
SEMIANNUAL GROUNDWATER SAMPLING  
OCCIDENTAL CHEMICAL CORPORATION  
WICHITA, KANSAS  
MAY-JUNE 2014**

| <b><i>Parameter</i></b>    | <b><i>Method</i></b>        |
|----------------------------|-----------------------------|
| Volatile Organic Compounds | SW-846 8260B <sup>(1)</sup> |
| Chlorinated Phenols        | SW-846 8270C <sup>(1)</sup> |
| Chlorinated Hydrocarbons   | SW-846 8121 <sup>(1)</sup>  |
| Pentachlorophenol & 2,4-D  | SW-846 8151A <sup>(1)</sup> |
| Hardness                   | EPA 300.0 <sup>(2)</sup>    |
| Chloride                   | SM 2340B <sup>(3)</sup>     |

**Notes:**

- (1) - "Test Methods for Solid Waste/Physical Chemical Methods," SW-846, 3rd Edition, September 1986.
  - (2) - "Methods for Chemical Analysis of Water and Wastes," USEPA 600/4-79-220, March 1983.
  - (3) - "Standard Methods for the Examination of Water and Wastewater," 18th Edition, 1992.
- EPA - Environmental Protection Agency

TABLE 4

**QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCE**  
**SEMIANNUAL GROUNDWATER SAMPLING**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**  
**MAY-JUNE 2014**

| <i>Parameter</i> | <i>Sample ID</i>      | <i>Holding Time<br/>(To Extraction)<br/>(days)</i> | <i>Holding Time<br/>Criteria<br/>(days)</i> | <i>Analyte</i>            | <i>Qualified<br/>Sample<br/>Results</i> | <i>Units</i> |
|------------------|-----------------------|--|---|---------------------------|---|--------------|
| SVOCs            | WG-05092014-JR-MW28S2 | 18   | 7   | 3/4-Chlorophenol          | 5.0 UJ                                  | µg/L         |
|                  |                       |  |   | 2,4-Dichlorophenol        | 5.0 UJ                                  | µg/L         |
|                  |                       |  |   | 2,3,4,6-Tetrachlorophenol | 5.0 UJ                                  | µg/L         |
|                  |                       |  |   | 2,5-Dichlorophenol        | 5.0 UJ                                  | µg/L         |
|                  |                       |  |   | 2,6-Dichlorophenol        | 5.0 UJ                                  | µg/L         |
|                  |                       |  |   | 2,4,6-Trichlorophenol     | 5.0 UJ                                  | µg/L         |
|                  |                       |  |   | 2-Chlorophenol            | 5.0 UJ                                  | µg/L         |
|                  |                       |  |   | 2,4,5-Trichlorophenol     | 5.0 UJ                                  | µg/L         |

Notes:

SVOCs - Semi-Volatile Organic Compounds

UJ - Not detected; the associated reporting limit is estimated.

TABLE 5

**QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS**  
**SEMIANNUAL GROUNDWATER SAMPLING**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**  
**MAY-JUNE 2014**

| <b>Parameter</b> | <b>Analyte</b>      | <b>Analysis Date</b> | <b>Blank Result *</b>      | <b>Sample ID</b>   | <b>Original Result</b>  | <b>Qualified Result</b>       | <b>Units</b>         |
|------------------|---------------------|----------------------|----------------------------|--|-------------------------|-------------------------------|----------------------|
| SVOCs            | Hexachlorobutadiene | 06/07/14             | 0.07                       | WG-05222014-JR-IW35A   | 0.20                    | 0.20 U                        | µg/L                 |
| Pesticides       | alpha-BHC           | 06/02/14             | 0.008J                     | WG-05192014-JR-MW29S1  | 0.023                   | 0.023 U                       | µg/L                 |
| Pesticides       | alpha-BHC           | 05/31/14             | 0.009J                     | WG-05122014-JR-MW114S1<br>WG-05132014-JR-MW24S1                      | 0.030<br>0.023          | 0.030 U<br>0.023 U            | µg/L<br>µg/L         |
| Pesticides       | alpha-BHC           | 06/02/14             | 0.008J                     | WG-05142014-JR-BUILDERS  | 0.012                   | 0.012 U                       | µg/L                 |
| Pesticides       | alpha-BHC           | 05/19/14             | 0.008J                     | WG-05072014-JR-MW145S2S3   | 0.016                   | 0.016 U                       | µg/L                 |
| Pesticides       | alpha-BHC           | 05/20/14             | 0.008J                     | WG-05082014-JR-MW31S1<br>WG-05082014-JR-MW32S1                       | 0.039<br>0.036          | 0.039 U<br>0.036 U            | µg/L<br>µg/L         |
| Pesticides       | alpha-BHC           | 05/30/14             | 0.008J                     | WG-05112014-JR-MW30S1  | 0.014                   | 0.014 U                       | µg/L                 |
| Pesticides       | alpha-BHC           | 6/5/2014             | 0.008J<br>0.008J<br>0.008J | WG-05202014-AK-MW15S2<br>WG-05202014-JR-FD6<br>WG-05202014-JR-MW22S2 | 0.011<br>0.024<br>0.026 | 0.011 U<br>0.024 U<br>0.026 U | µg/L<br>µg/L<br>µg/L |
| Pesticides       | alpha-BHC           | 6/6/2014             | 0.008J                     | WG-05212014-AK-AMW10I  | 0.011                   | 0.011 U                       | µg/L                 |
| Pesticides       | alpha-BHC           | 6/7/2014             | 0.008J                     | WG-05212014-AK-AMW10S  | 0.013                   | 0.013 U                       | µg/L                 |
| Pesticides       | alpha-BHC           | 6/6/2014             | 1.6J<br>1.6J               | WG-05212014-JR-MW18S3<br>WG-05212014-JR-MW19S2                       | 2.8<br>3.3              | 2.8 U<br>3.3 U                | µg/L<br>µg/L         |
| Pesticides       | alpha-BHC           | 6/7/2014             | 3.2J                       | WG-05222014-JR-IW30  | 4.5                     | 4.5 U                         | µg/L                 |

Notes:

\* - Blank result adjusted for sample factors where applicable.

SVOCs - Semi-Volatile Organic Compounds

J - Estimated Concentration

U - Not detected at the associated reporting limit.

TABLE 6

**QUALIFIED SAMPLE DATA DUE TO OUTLYING OF SURROGATE RECOVERIES**  
**SEMIANNUAL GROUNDWATER SAMPLING**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**  
**MAY-JUNE 2014**

| <b>Parameter</b> | <b>Sample ID</b>       | <b>Surrogate</b>        | <b>Surrogate Recovery (percent)</b> | <b>Control Limits (percent)</b> | <b>Analyte</b>      | <b>Qualified Result</b> | <b>Units</b> |
|------------------|------------------------|-------------------------|-------------------------------------|---------------------------------|---------------------|-------------------------|--------------|
| SVOCs            | WG-05122014-JR-MW113S3 | 1,4-Dichloronaphthalene | 147                                 | 59-100                          | Hexachlorobenzene   | 0.13 J                  | µg/L         |
|                  |                        |                         |                                     |                                 | alpha-BHC           | 0.104 J                 | µg/L         |
|                  |                        |                         |                                     |                                 | beta-BHC            | 5.64 J                  | µg/L         |
| Herbicides       | WG-05122014-JR-MW113S3 | pentachlorophenol       | 128                                 | 61.3-125                        | Pentachlorophenol   | 7.3 J                   | µg/L         |
| SVOCs            | WG-05072014-AK-MW14S3  | 1,4-Dichloronaphthalene | 103                                 | 59-100                          | alpha-BHC           | 0.404 J                 | µg/L         |
|                  |                        |                         |                                     |                                 | beta-BHC            | 0.646 J                 | µg/L         |
|                  |                        |                         |                                     |                                 | delta-BHC           | 0.51 J                  | µg/L         |
|                  |                        |                         |                                     |                                 | gamma-BHC (lindane) | 0.602 J                 | µg/L         |
|                  |                        |                         |                                     |                                 | Hexachloroethane    | 7.46 J                  | µg/L         |
|                  |                        |                         |                                     |                                 | Hexachlorobutadiene | 1.6 J                   | µg/L         |
| SVOCs            | WG-05202014-AK-MW12S1A | 1,4-Dichloronaphthalene | 164                                 | 59-100                          | alpha-BHC           | 0.67 J                  | µg/L         |
|                  |                        |                         |                                     |                                 | beta-BHC            | 1.03 J                  | µg/L         |
|                  |                        |                         |                                     |                                 | delta-BHC           | 0.6 J                   | µg/L         |
|                  |                        |                         |                                     |                                 | gamma-BHC (lindane) | 0.84 J                  | µg/L         |
|                  |                        |                         |                                     |                                 | Hexachloroethane    | 17.2 J                  | µg/L         |
|                  |                        |                         |                                     |                                 | Hexachlorobutadiene | 7.9 J                   | µg/L         |

Notes:

SVOCs - Semi-Volatile Organic Compounds

J - Estimated Concentration

TABLE 7

**QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS**  
**SEMIANNUAL GROUNDWATER SAMPLING**  
**OCCIDENTAL CHEMICAL CORPORATION**  
**WICHITA, KANSAS**  
**MAY-JUNE 2014**

| <b>Parameter</b> | <b>Sample ID</b>      | <b>Analyte</b>            | <b>MS</b>         | <b>MSD</b>        | <b>RPD</b>       | <b>Control Limits</b> |            | <b>Qualified Result</b> | <b>Units</b> |
|------------------|-----------------------|---------------------------|-------------------|-------------------|------------------|-----------------------|------------|-------------------------|--------------|
|                  |                       |                           | <b>% Recovery</b> | <b>% Recovery</b> | <b>(percent)</b> | <b>% Recovery</b>     | <b>RPD</b> |                         |              |
| SVOCs            | WG-05202014-AK-AMW104 | 2,3,4,5-Tetrachlorophenol | 70.0              | 83.9              | 23.3             | 73.7-125              | 11.4       | 5.0 UJ                  | µg/L         |

Notes:

MS - Matrix Spike

MSD - Matrix Spike Duplicate

RPD - Relative Percent Difference

SVOCs - Semi-Volatile Organic Compounds

UJ - Not detected; the associated reporting limit is estimated.

